

COORDINATING SUCCESS:

Strategy for Restoration of the South Florida Ecosystem

and

TRACKING SUCCESS:

Biennial Report for FY 2001-2002 of the South Florida Ecosystem Restoration Task Force

to the

U.S. Congress, Florida Legislature, Seminole Tribe of Florida, and Miccosukee Tribe of Indians of Florida

August 2002



Courtesy of SFWMD



Courtesy of Kevin M. Burger Sr.

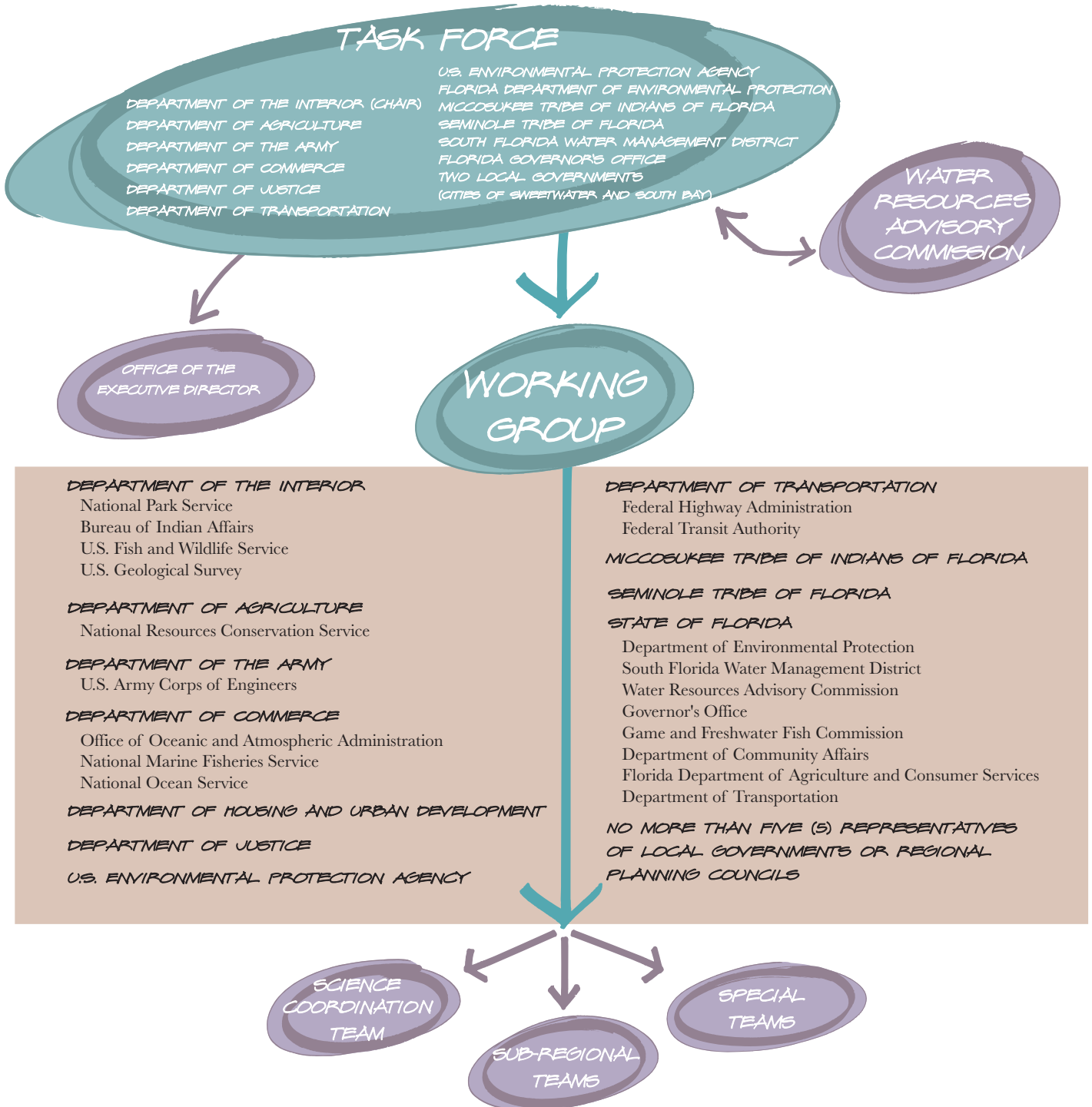


Treasure Coast Regional Planning Council



Courtesy of SFWMD

SOUTH FLORIDA ECOSYSTEM RESTORATION EFFORTS ORGANIZATION



***SOUTH FLORIDA ECOSYSTEM RESTORATION
TASK FORCE***

***Coordinating Success:
Strategy for Restoration of the South Florida Ecosystem
and
Biennial Report for FY 2001-2002***

VOLUME 2 (OF 2)

AUGUST 2002

*This document is Volume 2 of a 2 volume report.
Volume 1 describes the coordination strategy and biennial report of the South Florida
Ecosystem Restoration Task Force; Volume 2 presents the individual projects that participating
entities have identified as supporting ecosystem restoration.*

*Volume 1 and Volume 2 combine information from federal, state, tribal, and local agencies and
therefore does not strictly follow any single agency's format.*

APPENDIX F:



APPENDIX F

INTRODUCTION

PROJECT SUMMARY TABLE

PROJECT DATA SHEETS

Introduction

This section of the report provides detailed information about the restoration projects that contribute to the accomplishment of the vision, goals, subgoals, and objectives described in volume 1. The following table provides a summary listing of projects with information about schedule, cost, and the goals addressed by each project.

Individual agencies have identified and provided these projects. The Task Force has not independently evaluated or endorsed any project.

Detailed information data sheets, which are included in volume 2 of this report, provide further information for each of these projects, including:

- *PROJECT NAME*
- *UNIQUE TASK FORCE PROJECT IDENTIFICATION NUMBER*
- *LEAD AGENCY*
- *AUTHORITY*
- *GOAL(S) ADDRESSED*
- *MEASURABLE OUTPUT(S)*
- *COST*
- *PROJECT SCHEDULE*
- *PROJECT SYNOPSIS*
- *DETAILED PROJECT BUDGET INFORMATION*
- *HYPERLINK OR A POINT OF CONTACT FOR MORE DETAILED PROJECT INFORMATION*

TABLE 10: SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE PROJECT SUMMARY TABLE

| Goals | Project Name | Org. | Start | End | Financial Requirement | Appropriated to Date | Measurable Targets | Primary Objective | Secondary Objectives | Vol. 2 Ref. Pg. # |
|----------------------|--|------------------|-------|------|-----------------------|----------------------|-----------------------|-------------------|----------------------|-------------------|
| Goal 1. | GET THE WATER RIGHT | | | | | | | | | |
| Sub-Goal 1.A. | GET THE HYDROLOGY RIGHT (Quantity, Timing & Distribution) | | | | | | | | | |
| I.A.1. | SURFACE WATER STORAGE PROJECTS | | | | | | ACRE-FT. | | | |
| | 1100 C&SF: CERP Acme Basin B Discharge | USACE | 2002 | 2007 | \$20,100,000 | \$242,000 | 3,800 | I.A.1 | | 1 |
| | C&SF: CERP Indian River Lagoon South C-23/C-24/C-25/Northfork and Southfork Storage Reservoirs (IU), and C&SF: CERP C-44 Basin Storage Reservoir (B) | | | | | | | | | |
| | 1101 C&SF: CERP Everglades Agricultural Storage Reservoir Phase I | USACE/SFWMID | 1999 | 2010 | \$995,935,000 | \$841,348,000 | 190,000 | I.A.1 | | 2 |
| | 1102 C&SF: CERP Everglades Agricultural Storage Reservoir Phase II (GP2) | USACE/SFWMID | 2001 | 2009 | \$233,408,000 | \$71,884,000 | 240,000 | I.A.1 | | 3 |
| | 1103 C&SF: CERP Lake Okechobee Watershed | USACE/SFWMID | 2004 | 2014 | \$203,240,000 | \$356,000 | 120,000 | I.A.1 | | 4 |
| | 1104 C&SF: CERP North Lake Belt Storage Area (Phase I & II) | USACE/SFWMID | 2000 | 2009 | \$455,827,000 | \$1,618,700 | 250,000 | I.A.1 | I.B.1, 2.A.3 | 5 |
| | 1105 C&SF: CERP Palm Beach County Agricultural Reserve Reservoir and ASR | USACE/SFWMID | 2011 | 2036 | \$500,346,000 | \$902,000 | 90,000 | I.A.1 | | 7 |
| | 1106 C&SF: CERP Site I Impoundment and Aquifer Storage and Recovery | USACE/SFWMID | 2005 | 2019 | \$121,359,000 | \$216,000 | 20,000 | I.A.1 | I.A.2 | 8 |
| | 1107 C&SF: CERP Bird Drive Recharge Area (U) | USACE/SFWMID | 2004 | 2014 | \$124,083,000 | \$216,000 | 11,500 | I.A.1 | | 11 |
| | 1108 C&SF: CERP C-43 Basin Storage Reservoir and ASR | USACE/SFWMID | 2001 | 2018 | \$440,195,000 | \$5,376,000 | 160,000 | I.A.1 | I.A.2 | 12 |
| | 1110 C&SF: CERP Central Lake Belt Storage Area | USACE/SFWMID | 2011 | 2036 | \$466,725,000 | \$844,000 | 190,000 | I.A.1 | I.B.1 | 13 |
| | 1111 Critical Ecosystems Restoration Projects - Ten Mile Creek | USACE/SFWMID | 1997 | 2003 | \$29,946,000 | \$9,626,000 | 5,000 | I.A.1 | 2.A.3 | 14 |
| | 2100 Allapattah Plains/Kanch | FDEP | 1997 | TBD | * | * | 32,000 | 2.A.1 | I.A.1 | 99 |
| I.A.2. | AQUIFER STORAGE & RECOVERY (ASR) PROJECTS | | | | | | BGD | | | |
| | 1109 C&SF: CERP C-43 Basin Storage Reservoir and ASR | USACE/SFWMID | 2001 | 2018 | * | * | 0.22 | I.A.1 | I.A.2 | 12 |
| | 1200 C&SF: CERP C-51 Regional Groundwater Aquifer Storage and Recovery | USACE/SFWMID | 2009 | 2020 | \$127,291,000 | \$328,000 | 0.17 | I.A.2 | | 15 |
| | 1201 C&SF: CERP Lake Okechobee ASR (GG) | USACE/SFWMID | 2009 | 2026 | \$1,097,312,000 | \$1,918,000 | 1 | I.A.2 | | 16 |
| | 1106 C&SF: CERP Palm Beach County Agricultural Reserve Reservoir and ASR | USACE/SFWMID | 2005 | 2019 | * | * | 0.075 | I.A.1 | I.A.2 | 8 |
| | 1107 C&SF: CERP Site I Impoundment and Aquifer Storage and Recovery | USACE/SFWMID | 2002 | 2017 | * | * | 0.15 | I.A.1 | I.A.2 | 9 |
| I.A.3. | MODIFY IMPEDIMENTS TO SHEETFLOW PROJECTS | | | | | | MILES MODIFIED | | | |
| | 1300 Canal 111 | USACE/SFWMID | 1994 | 2005 | \$268,200,000 | \$100,062,000 | 4 | I.A.3 | 3.B.1 | 17 |
| | C&SF: CERP WCA-3 Decompartimentalization and Sheetflow Enhancement (AA)(OO)(SS) | USACE/SFWMID | 2001 | 2015 | \$211,687,000 | \$936,000 | 240 | I.A.3 | 2.A.3 | 18 |
| | 1302 C&SF: CERP Florida Keys Tidal Restoration | USACE/SFWMID | 2001 | 2006 | \$1,251,000 | \$990,000 | 0.6 | I.A.3 | | 19 |
| | 1303 Critical Projects Southern CREW | USACE | 1999 | 2005 | \$3,435,000 | \$448,000 | | I.A.3 | | 20 |
| | 1304 East WCA-3A Hydropattern Restoration | SFWMID | 1994 | 2002 | \$8,360,631 | \$5,171,631 | 8.5 | I.A.3 | | 21 |
| | 1305 Kissimmee Prairie | FDEP/SFWMID | 1996 | 1997 | \$21,953,796 | \$21,953,796 | 39.3 | I.A.3 | 2.A.1 | 22 |
| | 1306 Kissimmee River Restoration Project | USACE/SFWMID | 1994 | 2010 | \$578,000,000 | \$201,970,000 | 22 | I.A.3 | 2.A.3 | 23 |
| | 1307 Modified Water Deliveries to Everglades National Park | NPS | 1990 | 2005 | \$190,890,000 | \$160,162,000 | 21 | I.A.3 | 2.A.4 | 24 |
| I.A.4. | OTHER RELATED HYDROLOGY PROJECTS | | | | | | TBD | | | |
| | 1400 Additional Water Conveyance Structures Under Tamiami Trail | FDOT | 1998 | 2005 | \$18,398,000 | \$1,773,000 | | I.A.4 | | 25 |
| | 1401 Biscayne Bay Feasibility Study | USACE/M-DADE | 1996 | 2001 | \$6,370,000 | \$2,374,000 | | I.A.4 | | 26 |
| | 1402 C&SF: CERP Water Preserve Areas (WPA) Feasibility Study | USACE/SFWMID | 1996 | 2002 | \$19,955,000 | \$19,955,000 | | I.A.4 | | 27 |
| | 1403 C&SF: CERP Broward County Secondary Canal System | USACE/SFWMID | 2001 | 2009 | \$12,898,000 | \$250,000 | | I.A.4 | | 28 |
| | 1404 C&SF: CERP C-111N Spreader Canal | USACE/SFWMID | 2000 | 2009 | \$94,035,000 | \$1,868,000 | | I.A.4 | | 29 |
| | 1405 C&SF: CERP Dade-Broward Levee/Pensacola Wetlands (BB) | USACE/SFWMID | 2002 | 2009 | \$18,778,000 | \$236,000 | | I.A.4 | | 30 |
| | 1406 C&SF: CERP East Coast Canal Structures (C-4) | USACE/SFWMID | 1999 | 2002 | \$3,421,000 | \$3,421,000 | | I.A.4 | | 31 |
| | 1407 C&SF: CERP Lake Iskolpoga Regulation Schedule (OPE) | USACE/SFWMID | 2002 | 2003 | \$50,000 | \$44,000 | | I.A.4 | | 32 |
| | 1408 C&SF: CERP Loxahatchee National Wildlife Refuge Internal Canal Structures | USACE/SFWMID | 2003 | 2007 | \$7,669,000 | \$14,000 | | I.A.4 | | 33 |
| | 1503 C&SF: CERP North Palm Beach County PIR Part I | USACE/SFWMID | 2001 | 2016 | * | * | | I.B.1 | I.A.4 | 63 |
| | 1409 C&SF: CERP Seminole Tribe Big Cypress Water Conservation Plan | USACE & Seminole | 2001 | 2008 | \$75,288,000 | \$4,765,000 | | I.A.4 | | 34 |

* This is a multiple objective project funding is listed in other objective

** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

TABLE 10: SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE PROJECT SUMMARY TABLE CONTINUED

| Goals | Project Name | Org. | Start | End | Financial Requirement | Appropriated to Date | Measurable Targets | Primary Objective | Secondary Objectives | Vol. 2 Ref. Pg. # |
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| | I410 C&SF: CERP Biscayne Bay Coastal Wetlands | USACE/SFWMD | 1999 | 2015 | \$299,583,000 | \$1,168,000 | | I.A.4 | | 35 |
| | I411 C&SF: CERP Caloosahatchee R. (C-43) Basin ASR Pilot Project | USACE/SFWMD | 2001 | 2008 | \$6,000,000 | \$350,000 | | I.A.4 | | 36 |
| | I412 C&SF: CERP Diverting WCA-2 and WCA-3 Flows to Central Lake Belt Storage Area | USACE/SFWMD | 2009 | 2018 | \$76,921,000 | \$150,000 | | I.A.4 | | 37 |
| | I413 C&SF: CERP Everglades Rain Driven Operations | USACE/SFWMD | TBD | TBD | TBD | \$0 | | I.A.4 | | 38 |
| | I414 C&SF: CERP Henderson Creek/Belle Meade Restoration | USACE | 2000 | 2005 | \$4,806,000 | \$246,000 | | I.A.4 | I.B.1 | 39 |
| | I415 C&SF: CERP L-3 TN Improvements for Seepage Management and S-356 Structures | USACE/SFWMD | 2006 | 2013 | \$184,845,000 | \$322,000 | | I.A.4 | | 40 |
| | I416 C&SF: CERP L-31 N Seepage Management Pilot Project | USACE/SFWMD | 2001 | 2006 | \$10,000,000 | \$1,630,000 | | I.A.4 | | 41 |
| | I417 C&SF: CERP Lake Belt (In-Ground Reservoir) Technology - Pilot Project | USACE/SFWMD | 1999 | 2011 | \$23,000,000 | \$2,432,000 | | I.A.4 | | 42 |
| | I418 C&SF: CERP Lake Okeechobee Aquifer Storage and Recovery Pilot Project | USACE/SFWMD | 1999 | 2009 | \$19,000,000 | \$3,638,000 | | I.A.4 | | 43 |
| | I419 C&SF: CERP Lake Okeechobee Regulation Schedule | USACE/SFWMD | TBD | TBD | TBD | \$0 | | I.A.4 | | 44 |
| | I420 C&SF: CERP Modified Holeyland Wildlife Management Area Operation Plan | USACE/SFWMD | 2003 | 2008 | \$150,000 | \$0 | | I.A.4 | | 45 |
| | I421 C&SF: CERP Modified Rotenberger Wildlife Management Area Operation Plan | USACE/SFWMD | 2003 | 2006 | \$150,000 | \$0 | | I.A.4 | | 46 |
| | I422 C&SF: CERP Operational Modification to Southern Portion of L-3 IN and C-111 | USACE/SFWMD | TBD | TBD | TBD | \$0 | | I.A.4 | | 47 |
| | I423 C&SF: CERP Site I Impoundment and Aquifer Storage and Recovery Pilot Project | USACE/SFWMD | 1999 | 2009 | \$9,000,000 | \$2,194,000 | | I.A.4 | | 48 |
| | I424 C&SF: CERP Southern Golden Gates Estates Restoration | USACE/SFWMD | 1999 | 2006 | \$45,654,000 | \$5,266,000 | | I.A.4 | | 49 |
| | I425 Critical Projects Seminole Big Cypress Reservation Water Conservation Plan | Seminoles & USACE | 1997 | 2008 | \$57,558,938 | \$6,598,822 | | I.A.4 | | 50 |
| | I426 Florida Bay and The Florida Keys Feasibility Study | USACE | 2000 | 2005 | \$4,569,000 | \$2,478,000 | | I.A.4 | | 52 |
| | I427 Herbert Hoover Dike Stabilization | USACE/SFWMD | 2001 | 2008 | \$234,400,000 | \$5,380,000 | | I.A.4 | | 53 |
| | I428 Indian River Lagoon Restoration Feasibility Study | USACE/SFWMD | 1996 | 2002 | \$6,150,000 | \$6,150,000 | | I.A.4 | | 54 |
| | I429 Northern L-8 Basin Improvements | SFWMD | 1994 | 2006 | \$25,277 | \$25,277 | | I.A.4 | | 55 |
| | I430 Rotenberger Restoration | SFWMD | 1994 | 2000 | \$5,031,101 | \$3,387,101 | | I.A.4 | | 56 |
| | I431 Southwest Florida Feasibility Study | USACE | 1999 | 2005 | \$12,000,000 | \$3,724,000 | | I.A.4 | | 57 |
| | I432 WCA-2A Hydropattern Restoration | SFWMD | 1994 | 2001 | \$5,895,440 | \$5,553,440 | | I.A.4 | | 58 |
| | I433 West WCA-3A Hydropattern Restoration | SFWMD | 1994 | 2006 | \$10,909,917 | \$7,122,799 | | I.A.4 | | 59 |
| Sub-Goal I.B | GET THE WATER QUALITY RIGHT | | | | | | | | | |
| I.B.1. | STORMWATER TREATMENT AREA (STA) PROJECTS | | | | | | ACRES | | | |
| | I104 C&SF: CERP Lake Okeechobee Watershed | USACE/SFWMD | 2000 | 2009 | * | | 11,875 | I.A.1 | I.B.1 | 5 |
| | I500 C&SF: CERP Big Cypress/L-28 Interceptor Modifications (CCC) | USACE/SFWMD | 2005 | 2015 | \$42,751,000 | \$74,000 | 1,900 | I.B.1 | | 60 |
| | I501 C&SF: CERP C-9 STA and Impoundment | USACE/SFWMD | 2002 | 2006 | \$89,146,000 | \$32,369,000 | 2500 | I.B.1 | | 61 |
| | I502 C&SF: CERP Micosukee Tribe Water Management Plan | USACE & Micosukee | 2003 | 2010 | \$24,459,000 | \$0 | see page 68 | I.B.1 | | 62 |
| | I503 C&SF: CERP North Palm Beach County PIR Part I | USACE/SFWMD | 2001 | 2016 | \$393,678,000 | \$3,188,400 | 1,260 | I.B.1 | I.A.4 | 63 |
| | I504 Seepage Management | USACE/SFWMD | 2002 | 2008 | \$224,544,000 | \$824,000 | 1,600 | I.B.1 | | 65 |
| | I505 C&SF: CERP Caloosahatchee Backpumping with Stormwater Treatment | USACE/SFWMD | 2005 | 2014 | \$82,895,000 | \$144,000 | 5,000 | I.B.1 | | 66 |
| | I110 C&SF: CERP Central Lake Belt Storage Area | USACE | 2011 | 2036 | * | | 640 | I.A.1 | I.B.1 | 13 |
| | I414 C&SF: CERP Henderson Creek/Belle Meade Restoration | USACE | 2000 | 2005 | * | | 10 | I.A.4 | I.B.1 | 39 |
| | I506 Lake Okeechobee Water Retention/ Phosphorus Removal | USACE/SFWMD | 1997 | 2004 | \$16,948,000 | \$9,208,000 | 940 | I.B.1 | | 67 |
| | I507 Micosukee Tribe Water Management Area | Micosukee | TBD | TBD | \$42,113,000 | \$0 | 900 | I.B.1 | | 68 |
| | I508 STA-1 West Works and Outflow Pump Station (G-310) | USACE/SFWMD | 1994 | 2000 | \$92,370,678 | \$76,149,678 | 6700 | I.B.1 | | 69 |
| | I509 STA-2 Works and Outflow Pump Station (G-335) | SFWMD | 1994 | 2002 | \$110,606,858 | \$97,088,858 | 6430 | I.B.1 | | 70 |
| | I510 STA-3/4 Works | SFWMD | 1994 | 2004 | \$213,213,534 | \$129,114,302 | 16600 | I.B.1 | | 71 |
| | I511 STA-5 Works | SFWMD | 1994 | 2003 | \$48,056,114 | \$36,204,253 | 4118 | I.B.1 | | 72 |
| | I512 STA-6 (includes sections I and 2) | SFWMD | 1994 | 2004 | \$21,807,026 | \$10,354,727 | 2222 | I.B.1 | | 73 |
| | I513 West Palm Beach Canal (C-31) and STA-1E | USACE/SFWMD | 1999 | 2003 | \$272,900,000 | \$151,052,000 | 6,500 | I.B.1 | | 75 |
| I.B.2. | TOTAL MAXIMUM DAILY LOAD (TMDL) PLAN DEVELOPMENT | | | | | | | | | |

* This is a multiple objective project funding is listed in other objective

** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

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| Goals | Project Name | Org. | Start | End | Financial Requirement | Appropriated to Date | Measurable Targets | Primary Objective | Secondary Objectives | Vol. 2 Ref. Pg. # |
|----------------------|---|--------------|-------|------|-----------------------|----------------------|--------------------|-------------------|----------------------|-------------------|
| | 1600 Total Maximum Daily Load (TMDL) for South Florida | FDEP | 2000 | TBD | \$3,400,000 | \$1,000,000 | | I.B.2 | | 76 |
| I.B.3. | OTHER RELATED WATER QUALITY PROJECTS | | | | | | | | | |
| | 1700 Chapter 298 Districts/Lease 3420 Improvements | SPWMD | 1994 | 2004 | \$17,642,865 | \$17,402,872 | | I.B.3 | | 77 |
| | 1701 Comprehensive Integrated Water Quality Plan | USACE | 2001 | 2006 | \$8,100,000 | \$3,726,000 | | I.B.3 | | 78 |
| | 1702 Critical Projects Lake Trafford | USACE | 1999 | 2004 | \$15,408,000 | \$12,296,000 | | I.B.3 | 2.A.3 | 80 |
| | 1703 Critical Projects Western C-11 Water Quality Treatment | USACE | 1997 | 2003 | \$13,300,000 | \$4,813,000 | | I.B.3 | | 81 |
| | Development of Best Management Practices Related to the Land Application of Residuals and Chicken Manure in the Lake Okeechobee Watershed | SPWMD | 2000 | 2003 | \$657,000 | \$357,000 | | I.B.3 | | 82 |
| | 1705 Everglades National Park Water & Wastewater | NPS | 1997 | TBD | \$18,965,000 | \$12,485,000 | | I.B.3 | | 83 |
| | 1706 Everglades Stormwater Program | SPWMD | 1998 | 2006 | TBD | \$15,200,000 | | I.B.3 | | 84 |
| | 1707 Florida Aquifer Restoration | NRCS | 2002 | 2007 | \$1,200,000 | \$0 | | I.B.3 | | 85 |
| | 1708 Lake Okeechobee Sediment Removal Feasibility Study and Pilot Project | SPWMD | 2000 | 2003 | \$1,953,065 | \$1,529,393 | | I.B.3 | | 86 |
| | 1709 Lake Okeechobee Tributary Sediment Removal Pilot Project | SPWMD | 2000 | 2003 | \$420,000 | \$354,200 | | I.B.3 | | 87 |
| | 1710 Miccosukee Water Resources Management | Miccosukee | TBD | TBD | 25,200,000 | 0 | | I.B.3 | | 88 |
| | 2136 New Palm Dairy Land Acquisition | SPWMD | 2000 | TBD | * | * | | 2.A.1 | I.B.3 | 135 |
| | 1711 Outfall (Military) Canal Remediation | AFBCA | 1999 | 2002 | TBD | \$1,900,000 | | I.B.3 | | 89 |
| | 1712 Pollution Prevention | NRCS/FDACS | 2002 | 2006 | \$890,000 | \$162,000 | | I.B.3 | | 90 |
| | 1713 S-5A Basin Runoff Diversion Works | SPWMD | 1994 | 2004 | \$14,243,205 | \$11,123,435 | | I.B.3 | | 91 |
| | 1714 Seminole Tribe Best Management Practices for the Big Cypress Reservation | Seminoles | 1996 | 2004 | \$4,779,000 | \$955,800 | | I.B.3 | | 92 |
| | 1715 Seminole Tribe Best Management Practices for the Brighton Reservation | Seminoles | 1998 | 2004 | \$338,000 | \$96,000 | | I.B.3 | | 93 |
| | Seminole Tribe Comprehensive Surface Water Management System for the Brighton Reservation | Seminoles | 1999 | 2010 | \$15,818,000 | \$8,707,000 | | I.B.3 | | 94 |
| | 1716 Seminole Tribe Water Conservation Project for Big Cypress Reservation | Seminoles | 2002 | 2012 | \$22,452,000 | \$0 | | I.B.3 | | 95 |
| | 1717 South Florida Water Quality Protection Program and CERP Numeric Targets and Loading Analyses | FDEP | 2001 | 2003 | \$851,510 | \$464,260 | | I.B.3 | | 96 |
| | 1718 STA-1 Inflow and Distribution Works | SPWMD | 1994 | 2003 | \$11,223,396 | \$10,074,968 | | I.B.3 | | 98 |
| Goal 2. | RESTORE, PRESERVE AND PROTECT NATURAL HABITATS AND SPECIES | | | | | | | | | |
| Sub-Goal 2.A. | RESTORE, PRESERVE AND PROTECT NATURAL HABITATS | | | | | | | | | |
| 2.A.1. | HABITAT PROTECTION LAND ACQUISITION PROJECTS | | | | | | | | | |
| | STATE ACQUISITIONS | | | | | | ACRES | | | |
| | 2100 Allapattah Flats/Ranch | FDEP | 1997 | TBD | \$75,594,990 | \$0 | 34,221 | 2.A.1 | I.A.1 | 99 |
| | 2101 Atlantic Ridge Ecosystem | FDEP/SFWMD | 1995 | TBD | TBD | \$51,300,000 | 15,032 | 2.A.1 | | 100 |
| | 2102 Babcock Ranch | FDEP | 2001 | TBD | TBD | \$0 | 91,361 | 2.A.1 | | 101 |
| | 2103 Barfield Farms | SPWMD | 1998 | TBD | TBD | TBD | 1,367 | 2.A.1 | | 102 |
| | 2104 Belle Meade | FDEP | 1993 | TBD | TBD | \$34,100,000 | 27,200 | 2.A.1 | | 103 |
| | 2105 Big Bend Swamp/Holopaw Ranch | FDEP | 2000 | TBD | TBD | \$0 | 54,425 | 2.A.1 | | 104 |
| | 2106 Biscayne Coastal Wetlands | SPWMD/M-DADE | 1998 | TBD | \$2,961,668 | \$719,597 | 2,241 | 2.A.1 | | 105 |
| | 2107 Bombing Range Ridge | FDEP | 1998 | TBD | TBD | \$0 | 39,073 | 2.A.1 | | 106 |
| | 2108 Caloosahatchee Ecoscape | FDEP | 1998 | TBD | TBD | \$0 | 15,391 | 2.A.1 | | 107 |
| | 2109 Catfish Creek | FDEP | 1990 | TBD | TBD | \$9,100,000 | 10,609 | 2.A.1 | | 108 |
| | 2110 Cayo Costa | FDEP | 1980 | TBD | TBD | \$27,600,000 | 1,932 | 2.A.1 | | 109 |
| | 2111 Charlotte Harbor Flats/Woods | FDEP | 1986 | TBD | TBD | \$52,600,000 | 54,281 | 2.A.1 | | 110 |
| | 2112 Corkscrew Regional Ecosystem Watershed | FDEP | 1991 | TBD | TBD | \$22,800,000 | 59,008 | 2.A.1 | | 111 |
| | 2113 Corkscrew Regional Mitigation Bank | SPWMD | 1995 | 1999 | TBD | \$22,800,000 | 633 | 2.A.1 | | 112 |
| | 2114 Coupon Bight/Key Deer Big Pine Key | FDEP | 1985 | TBD | TBD | \$17,300,000 | 3,452 | 2.A.1 | | 113 |
| | 2115 Cypress Creek/Trail Ridge | SPWMD | 1997 | TBD | TBD | \$0 | 13,788 | 2.A.1 | | 114 |
| | 2116 Dupuis Reserve | SPWMD | 1985 | 1986 | \$23,016,601 | \$23,016,601 | 21,875 | 2.A.1 | | 115 |

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| | 2117 East Coast Buffer/Water Preserve Areas | FDEP/SFWMD | 1994 | TBD | TBD | \$111,900,000 | 70,883 | 2.A.1 | | 116 |
| | 2118 Estero Bay | FDEP | 1985 | TBD | TBD | \$8,300,000 | 16,740 | 2.A.1 | | 117 |
| | 2119 Everglades Agricultural Area (EAA) / Tallman | SPWMD/DOI | 1997 | 1999 | \$133,584,552 | \$133,584,552 | 50,719 | 2.A.1 | | 118 |
| | 2120 Fakahatchee Strand | FDEP | 1980 | TBD | TBD | \$21,200,000 | 80,231 | 2.A.1 | | 119 |
| | 2121 Fisheating Creek | SPWMD/FDEP | 1999 | TBD | TBD | \$46,500,000 | 168,360 | 2.A.1 | | 120 |
| | 2122 Florida Keys Ecosystem | FDEP | 1992 | TBD | TBD | \$35,200,000 | 7,611 | 2.A.1 | | 121 |
| | 2123 Frog Pond/L-31 N | FDEP/SFWMD | 1994 | TBD | TBD | \$80,700,000 | 10,600 | 2.A.1 | | 122 |
| | 2124 Indian River Lagoon Blueway | FDEP | 1998 | TBD | TBD | \$400,000 | 5,136 | 2.A.1 | | 123 |
| | 2125 Juno Hills | FDEP | 1994 | TBD | TBD | \$15,000,000 | 440 | 2.A.1 | | 124 |
| | 2126 Kissimmee - St. John Connector | FDEP | 2001 | TBD | TBD | \$0 | 34,668 | 2.A.1 | | 125 |
| | 1305 Kissimmee Prairie | FDEP | 1996 | 1997 | * | * | 38,282 | 2.A.1 | 1.A.3 | 22 |
| | 2127 Kissimmee River (Lower Basin)*** | SPWMD | 1985 | 2007 | see page 23 | see page 23 | 62,638 | 2.A.1 | | 126 |
| | 2128 Kissimmee River (Upper Basin)*** | SPWMD | 1990 | 2007 | see page 23 | see page 23 | 33,919 | 2.A.1 | | 127 |
| | 2129 Lake Wales Ridge Ecosystem | FDEP | 1992 | TBD | \$25,200,000 | \$19,100,000 | 12,770 | 2.A.1 | | 128 |
| | 2130 Lake Walk-In-Water | SPWMD | 1995 | TBD | TBD | \$3,950,000 | 4,615 | 2.A.1 | | 129 |
| | 2131 Loxahatchee River Land Acquisition | SPWMD | 1984 | 2001 | \$11,927,120 | \$11,927,120 | 1,936 | 2.A.1 | | 130 |
| | 2132 Loxahatchee Slough Land Acquisition | SPWMD | 1986 | 2002 | TBD | \$21,000,000 | 15,200 | 2.A.1 | | 131 |
| | 2133 McDaniel Ranch Land Acquisition | SPWMD | 2000 | TBD | TBD | TBD | 7,000 | 2.A.1 | | 132 |
| | 2134 Miami-Dade County Archipelago | FDEP | 1994 | TBD | TBD | \$32,500,000 | 856 | 2.A.1 | | 133 |
| | 2135 Model Lands | SPWMD/M-DADE | 1994 | 2007 | TBD | \$6,023,984 | 44,999 | 2.A.1 | | 134 |
| | 2136 New Palm Dairy Land Acquisition | SPWMD | 2000 | TBD | \$4,800,000 | \$4,800,000 | 2,135 | 2.A.1 | 1.B.3 | 135 |
| | 2137 Nicodemus Slough | SPWMD | 1981 | 1988 | \$1,744,500 | \$1,744,500 | 2,219 | 2.A.1 | | 136 |
| | 2138 North Fork St. Lucie River | FDEP/SFWMD | 1988 | TBD | TBD | \$4,400,000 | 3,800 | 2.A.1 | | 137 |
| | 2139 North Key Largo Hammocks | FDEP | 1983 | TBD | TBD | \$5,900,000 | 4,508 | 2.A.1 | | 138 |
| | 2140 North Savannas | SPWMD | 1997 | 2002 | \$5,000,000 | \$5,000,000 | 930 | 2.A.1 | | 139 |
| | 2141 Okaloacoochee Slough | FDEP/SFWMD | 1996 | TBD | TBD | \$20,000,000 | 37,210 | 2.A.1 | | 140 |
| | 2142 Okeechobee Battleground | FDEP | 2001 | TBD | TBD | \$0 | 55 | 2.A.1 | | 141 |
| | 2143 Osceola Pine Savannas | FDEP | 1995 | TBD | TBD | \$310,000 | 42,291 | 2.A.1 | | 142 |
| | 2144 Pal-Mar | FDEP/SFWMD | 1992 | TBD | TBD | \$10,200,000 | 35,795 | 2.A.1 | | 143 |
| | 2145 Panther Glades | FDEP | 2001 | TBD | TBD | \$0 | 21,000 | 2.A.1 | | 144 |
| | 2146 Paradise Run | SPWMD | 1998 | 2001 | TBD | \$7,382,633 | 8,065 | 2.A.1 | | 145 |
| | 2147 Parker-Poinciana | SPWMD | 1996 | TBD | TBD | TBD | 1,970 | 2.A.1 | | 146 |
| | 2148 Pineland Site Complex | FDEP | 1996 | TBD | TBD | \$280,000 | 250 | 2.A.1 | | 147 |
| | 2149 Rookery Bay | FDEP | 1980 | TBD | TBD | \$46,200,000 | 18,721 | 2.A.1 | | 148 |
| | 2150 Rotenberger/Holey Land Tract | FDEP | 1984 | TBD | TBD | \$18,100,000 | 79,170 | 2.A.1 | | 149 |
| | 2151 Shingle Creek | SPWMD | 1987 | TBD | TBD | \$1,344,400 | 7,655 | 2.A.1 | | 150 |
| | 2152 Six Mile Cypress Land Acquisition | SPWMD | 1987 | TBD | TBD | \$2,098,000 | 1,741 | 2.A.1 | | 151 |
| | 2153 South Fork St. Lucie River Land Acquisition | SPWMD | 1995 | 1995 | \$2,480,000 | \$2,480,000 | 184 | 2.A.1 | | 152 |
| | 2154 South Savannas | FDEP/SFWMD | 1981 | TBD | TBD | \$16,900,000 | 6,046 | 2.A.1 | | 153 |
| | 2155 Southern Glades | SPWMD/M-DADE | 1964 | TBD | TBD | \$13,741,347 | 37,620 | 2.A.1 | | 154 |
| | 2156 Southern Golden Gate Estates | FDEP | 1984 | TBD | TBD | \$58,100,000 | 57,200 | 2.A.1 | | 155 |
| | 2157 Tibet-Burier Preserve | SPWMD | 1988 | 1999 | TBD | \$3,601,900 | 439 | 2.A.1 | | 156 |
| | 2158 Twelve Mile Slough | SPWMD | 1998 | TBD | TBD | TBD | 3,300 | 2.A.1 | | 157 |
| | 2159 Upper Lakes Basin Watershed | SPWMD | 1995 | 2002 | TBD | \$10,093,957 | 47,300 | 2.A.1 | | 158 |

* This is a multiple objective project; funding is listed in other objective

** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

TABLE 10: SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE PROJECT SUMMARY TABLE CONTINUED

| Goals | Project Name | Org. | Start | End | Financial Requirement | Appropriated to Date | Measurable Targets | Primary Objective | Secondary Objectives | Vol. 2 Ref. Pg. # |
|----------------------|---|---------------|-------|------|-----------------------|----------------------|------------------------|-------------------|----------------------|-------------------|
| | 2160 Water Conservation Areas 1,2, and 3 | SFWMD | 1948 | 2010 | TBD | \$9,259,882 | 819,535 | 2.A.1 | | 159 |
| | 2161 Yamato Scrub | FDEP | 1992 | 1996 | \$17,500,000 | \$17,500,000 | 207 | 2.A.1 | | 160 |
| | FEDERAL ACQUISITIONS | | | | | | ACRES | | | |
| | 2162 A.R. M. Loxahatchee National Wildlife Refuge | USFWS | 1955 | 2005 | | \$129,000 | 149,016 | 2.A.1 | | 161 |
| | 2163 Big Cypress National Preserve Addition | NPS | 1989 | 2003 | \$54,656,000 | \$49,377,000 | 6,113 | 2.A.1 | | 162 |
| | 2164 Big Cypress National Preserve Private Inholdings** | NPS | 1974 | TBD | \$204,467,292 | \$182,421,000 | 878 | 2.A.1 | | 163 |
| | 2165 Complete Land Acquisition for Biscayne National Park | NPS | 1968 | 2005 | TBD | \$31,851,000 | 172,924 | 2.A.1 | | 164 |
| | 2166 Crocodile Lake National Wildlife Refuge | USFWS | 1979 | 2003 | \$14,319,000 | \$13,093,000 | 7,100 | 2.A.1 | | 165 |
| | 2167 East Everglades Addition to Everglades National Park | NPS | 1990 | 2000 | \$113,149,000 | \$113,149,000 | 109,504 | 2.A.1 | | 166 |
| | 2168 Florida Keys National Wildlife Refuge Complex | USFWS | 1960 | 2005 | \$63,017,000 | \$30,232,000 | 415,436 | 2.A.1 | | 167 |
| | 2169 Florida Panther National Wildlife Refuge | USFWS | 1989 | TBD | \$10,682,000 | \$10,682,000 | 61,563 | 2.A.1 | | 168 |
| | 2170 Hobe Sound National Wildlife Refuge | USFWS | 1968 | 2004 | \$5,818,000 | \$18,000 | 1,130 | 2.A.1 | | 169 |
| | 2171 J.N. "Ding" Darling National Wildlife Refuge | USFWS | 1945 | 2005 | \$31,252,000 | \$7,252,000 | 8,360 | 2.A.1 | | 170 |
| 2.A.2. | CORAL REEF PROTECTION PROJECTS | | | | | | | | | |
| | 2200 Planning and Implementation of the Tortugas Ecological Reserve | NOAA | 1998 | 2001 | \$873,552 | \$0 | | 2.A.2 | | 171 |
| 2.A.3 | IMPROVE NATURAL AREAS HABITAT QUALITY PROJECTS | | | | | | ACRES | | | |
| | <p>Note – The April 1999 USACE Central and Southern Florida Project Comprehensive Review Study Final Integrated Feasibility Report and Programmatic Environmental Impact Statement included an extensive environmental evaluation of habitat units that would be improved through implementation of the CERF projects. Table 7-18 in this publication identifies in detail which projects are anticipated to achieve this objective. However, appropriate measures by project are currently being developed through the establishment of interim goals. There are some projects included in our tracking matrix that exemplify how this objective will be achieved.</p> | | | | | | | | | |
| | 2300 C&SF: CERF Protect and Enhance Existing Wetland Systems along LNWR (Strazulla Tract) | USACE/SFWMD | 2002 | 2007 | \$52,772,000 | \$292,000 | 10,000 | 2.A.3 | | 172 |
| | 2301 C&SF: CERF Winstburg Farms Wetland Restoration | USACE | 2000 | 2005 | \$14,140,000 | \$855,000 | 175 | 2.A.3 | | 173 |
| | 2302 C&SF: CERF Lake Park Restoration | USACE/Lee Co. | 1999 | 2004 | \$5,166,000 | \$78,000 | 40 | 2.A.3 | | 174 |
| | 2303 C&SF: CERF Restoration of pine and hardwood hammocks in C-111 Basin | USACE | 2003 | 2009 | \$600,000 | \$0 | 50 | 2.A.3 | | 175 |
| | 3802 C&SF: CERF Wastewater Reuse Technology Pilot Project | USACE/SFWMD | 2001 | 2013 | * | * | | 3.C.2 | 2.A.3 | 209 |
| | C&SF: CERF WCA-3 Decompartmentalization and Sheetflow Enhancement | | | | | | | | | |
| | 1301 (AA)(OO)(SS) | USACE/SFWMD | 2001 | 2015 | * | * | | 1.A.3 | 2.A.3 | 18 |
| | 1111 Critical Ecosystems Restoration Projects - 1 ten Mile Creek | USACE/SFWMD | 1997 | 2003 | * | * | 2,740 | 1.A.1 | 2.A.3 | 14 |
| | 1702 Critical Projects Lake Trafford | USACE | 1999 | 2004 | * | * | | 1.B.3 | 2.A.3 | 79 |
| | 2606 Hole-in-the-Donut | NPS | 1994 | 2017 | * | * | | 2.B.4 | 2.A.3 | 187 |
| | 1306 Kissimmee River Restoration Project | USACE/SFWMD | 1994 | 2010 | * | * | 27,000 | 1.A.3 | 2.A.3 | 23 |
| 2.A.4. | OTHER NATURAL HABITAT AND SPECIES PROJECTS | | | | | | TBD | | | |
| | 2400 Big Cypress National Preserve Mineral Rights | NPS | 2000 | TBD | TBD | \$0 | | 2.A.4 | | 176 |
| | 2401 C&SF: CERF: Flow to Northwest and Central WCA-3A (U)(RR) | USACE/SFWMD | 2001 | 2011 | \$30,877,000 | \$444,000 | | 2.A.4 | | 177 |
| | 1307 Modified Water Deliveries to Everglades National Park | NPS | 1990 | 2005 | * | * | | 1.A.3 | 2.A.4 | 24 |
| | 2402 South Florida Multi-Species Recovery Plan | USFWS | 1994 | 2010 | \$174,743,000 | \$80,193,000 | | 2.A.4 | | 178 |
| | 2403 WCA-2A Regulation Schedule Review | USACE | TBD | TBD | \$500,000 | \$0 | | 2.A.4 | | 180 |
| Sub-Goal 2.B. | CONTROL INVASIVE PLANT AND ANIMAL SPECIES | | | | | | | | | |
| 2.B.1 | INVASIVE EXOTIC PLANT SPECIES MANAGEMENT PLAN DEVELOPMENT | | | | | | Completed Plans | | | |
| | Coordinate the development of management plans for top 20 south Florida exotic pest plants | | | | | | | | | |
| 2.B.2 | EXOTIC PLANT SPECIES MAINTENANCE CONTROL PROJECTS | | | | | | | | | |
| | 2500 | NEWT | 2001 | 2011 | \$600,000 | \$0 | 20 | 2.B.1 | | 181 |
| | 2600 | SFWMD | 2002 | 2020 | \$139,078,000 | \$70,740,000 | 4 | 2.B.2 | | 182 |
| | 2601 | FDEP | 2000 | 2005 | TBD | \$76,418,000 | | 2.B.2 | | 183 |

* This is a multiple objective project funding is listed in other objective

** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

TABLE 10: SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE PROJECT SUMMARY TABLE CONTINUED

| Goals | Project Name | Org. | Start | End | Financial Requirement | Appropriated to Date | Measurable Targets | Primary Objective | Secondary Objectives | Vol. 2 Ref. Pg. # |
|---------------|---|-----------------|-------|------|---------------------------|-------------------------|--------------------|-------------------|----------------------|-------------------|
| | 2602 C&SF-CERP- Maleleuca Eradication Project and other Exotic Plants Removal Project | USACE | 2006 | 2011 | \$5,772,000 | \$0 | | 2.B.2 | | 184 |
| | 2603 Estero Bay Aquatic Preserve and Buffer Reserve Enhancement and Exotic Removal Project | FDEP | 1998 | 2004 | \$668,000 | \$143,000 | | 2.B.2 | | 185 |
| | 2604 Everglades National Park Exotic Control Program | NPS | 2002 | TBD | \$2,150,000 | \$1,300,000 | | 2.B.2 | | 186 |
| | 2605 Exotic Species Removal | Seminoles | 1998 | 2010 | \$988,000 | \$152,000 | | 2.B.2 | | 187 |
| | 2606 Hole-in-the-Donut | NPS | 1994 | 2017 | \$75,000,000 | \$11,582,000 | | 2.B.2 | 2.A.3 | 188 |
| | 2607 Maleleuca Control (Critical) Big Cypress National Preserve | NPS | 1998 | 2005 | \$1,400,000 | \$1,050,000 | | 2.B.2 | | 189 |
| 2.B.3. | INVASIVE EXOTIC PLANT SPECIES PREVENTION PLAN DEVELOPMENT | | | | | | | | | |
| | Complete an Invasive Exotics Plant Prevention, Early Detection and Eradication Plan by 2005 | NEWT/TT/DEP/NPS | 2001 | 2004 | \$5,000,000 | \$0 | | 2.B.3 | | 190 |
| GOAL 3. | FOSTER COMPATIBILITY OF THE BUILT AND NATURAL SYSTEM | | | | | | | | | |
| Sub-Goal 3.A. | USE AND MANAGE LAND COMPATIBLE WITH RESTORATION | | | | | | | | | |
| 3.A.1 | FLORIDA GREENWAYS AND TRAILS SYSTEM PROJECTS | | | | | | Acres | | | |
| | 3100 Florida Greenways and Trails Designation Project | FDE/IOGT | 2000 | TBD | | No direct cost to state | 1,026,102 | 3.A.1 | | 192 |
| | 3101 Florida Greenways and Trails Land Acquisition Project | FDE/IOGT | 2000 | TBD | \$4,500,000 annually | \$13,500,000 | TBD | 3.A.1 | | 193 |
| 3.A.2 | AGRICULTURE LANDS CONSERVATION MANAGEMENT PROJECTS | | | | | | Acres | | | |
| | 3200 Agriculture Land Stewardship | NRCS/FDACS | 2002 | 2014 | \$5,200,000 | \$1,300,000 | 96,000 | 3.A.2 | | 195 |
| | 3201 Technical Assistance to Seminole and Miccosukee Indian Reservations | NRCS | 1998 | 2009 | \$900,000 | \$300,000 | 107,000 | 3.A.2 | | 196 |
| | 3202 Wetland Reserve Program | NRCS | 1997 | 2008 | \$62,900,000 | \$0 | 27,000 | 3.A.2 | | 197 |
| 3.A.3 | FLORIDA PARK, RECREATION AND OPEN SPACE LANDS PROJECTS | | | | | | Acres | | | |
| | 3300 Florida Communities Trust Grant Program | FDCA/FCT | 2000 | TBD | see project sheet | \$60,500,000 | 1,000 | 3.A.3 | | 198 |
| 3.A.4 | BROWNIELDS REHABILITATION AND REDEVELOPMENT PROJECTS | | | | | | | | | |
| | 3400 Eastward Hol Brownfields Restoration | SFRPC | 1998 | 2010 | TBD | \$22,544,000 | | 3.A.4 | | 199 |
| 3.A.5 | INCREASE COMMUNITY UNDERSTANDING OF RESTORATION PROJECTS | | | | | | | | | |
| | USDA-NRCS/South Florida Ecosystem Restoration Council & Committee Earth Team Project | USDA | 2002 | TBD | \$750,000 | \$0 | | 3.A.5 | | 200 |
| Sub-Goal 3.B | FLOOD PROTECTION COMPATIBLE WITH ECOSYSTEM RESTORATION | | | | | | | | | |
| 3.B.1 | FLOOD PROTECTION COMPATIBLE WITH ECOSYSTEM RESTORATION PROJECTS | | | | | | | | | |
| | 3600 C-4 Flood Mitigation Projects | SWWMD | 2001 | 2004 | \$40,300,000 | \$25,900,000 | | 3.B.1 | | 201 |
| | 1300 C&SF: CERP Canal T11 | USACE/SFWMD | 1994 | 2005 | * | * | | 1.A.3 | 3.B.1 | 17 |
| Sub-Goal 3.C | PROVIDE SUFFICIENT WATER RESOURCES FOR BUILT AND NATURAL SYSTEMS | | | | | | | | | |
| 3.C.1 | WATER RESOURCE DEVELOPMENT PROJECTS | | | | | | MGD | | | |
| | 3700 Kissimmee Basin Water Supply Plan | SFWMD | 2002 | 2006 | \$4,205,000 | \$1,620,000 | 62 | 3.C.1 | | 203 |
| | 3701 Lower East Coast Water Supply Plan | SFWMD | 2002 | 2006 | \$23,209,000 | \$3,457,000 | 143.0 | 3.C.1 | | 204 |
| | 3702 Lower West Coast Water Supply Plan | SFWMD | 2002 | 2006 | \$19,784,000 | \$1,564,000 | 151 | 3.C.1 | | 205 |
| | 3703 Upper East Coast Water Supply Plan | SFWMD | 2002 | 2006 | \$3,783,000 | \$903,000 | 41 | 3.C.1 | | 206 |
| 3.C.2 | INCREASE VOLUME OF WATER RESOURCE PROJECTS | | | | | | MGD | | | |
| | 3800 C&SF: CERP-South Miami-Dade County Reuse | USACE/M-DADE | 2011 | 2020 | \$363,024,000 | \$0 | 131 | 3.C.2 | | 207 |
| | 3801 C&SF: CERP-West Miami-Dade County Reuse | USACE/M-DADE | 2011 | 2020 | \$437,237,000 | \$0 | 100 | 3.C.2 | | 208 |
| | 3802 C&SF: CERP Wastewater Reuse Technology Pilot Project | USACE/SFWMD | 2001 | 2013 | \$30,000,000 | \$1,030,000 | | 3.C.2 | 2.A.3 | 209 |
| | 3803 Lower West Coast Regional Irrigation Distribution System Master Plan Study | SFWMD | 2002 | 2006 | Included in Project #3702 | | | 3.C.2 | | 210 |
| | Northern Palm Beach County and Southern Martin County Reclaimed Water Master Plan | SFWMD | 2002 | 2002 | Included in Project #3701 | | | 3.C.2 | | 211 |

* This is a multiple objective project funding is listed in other objective

** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

TABLE 10: SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE PROJECT SUMMARY TABLE CONTINUED

| Goals | Project Name | Org. | Start | End | Financial Requirement Included in Project | Appropriated to Date | Measurable Targets | Primary Objective | Secondary Objectives | Vol. 2 Ref. Pg. # |
|--------------|--|------------|-------|------|---|----------------------|--------------------|-------------------|----------------------|-------------------|
| | 3805 Orlando/Kissimmee Area Regional Reclaimed Water Optimization Plan | SFWMD | 2002 | 2005 | #3700 | | | 3.C.2 | | 212 |
| | 2301 C&SF: CERP Winsburg Farms Wetland Restoration | P&Co. | 1999 | 2003 | ** | * | | 2.A.3 | 3.C.2 | 173 |
| 3.C.3 | ALTERNATIVE WATER SUPPLY PROJECTS | | | | | | MGD | | | |
| | 3900 Alternative Water Supply Grant | SFWMD | 1996 | TBD | TBD | \$32,713,900 | 50 | 3.C.3 | | 213 |
| 3.C.4 | IRRIGATION WATER CONSUMPTION REDUCTION PROJECTS | | | | | | ACRE-FT | | | |
| | 4000 Mobile Irrigation Lab | NRCS | 1998 | 2011 | \$2,801,000 | \$863,000 | | 3.A.2 | | 214 |
| 3.C.5 | OTHER BUILT AND NATURAL SYSTEM COMPATIBILITY PROJECTS | | | | | | | | | |
| | 4100 Keys Carrying Capacity Study | FDCA/USACE | 1997 | 2002 | \$6,000,000 | \$6,000,000 | | 3.C.5 | | 215 |
| | 4101 BMPs for Agriculture | NRCS | 1997 | 2011 | \$65,245,000 | \$15,000,000 | | 3.C.5 | | 216 |
| | 4102 Monitoring of Organic Soils in the Everglades | NRCS | 1998 | 2012 | \$1,236,000 | \$136,000 | | 3.C.5 | | 217 |
| | 4103 Soil Survey Update for the Everglades Agricultural Area | NRCS | 2002 | 2005 | \$1,500,000 | \$250,000 | | 3.C.5 | | 218 |

* This is a multiple objective project funding is listed in other objective

** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

Goals, Sub-Goals & Objectives

GOAL 1: GET THE WATER RIGHT

Sub-Goal 1.A: GET THE HYDROLOGY RIGHT (Quantity, Timing & Distribution)

1.A.1: Surface Water Storage Projects

1.A.2: Aquifer Storage and Recovery (ASR) Projects

1.A.3: Modifying Impediments to Sheetflow Projects

1.A.4: Other Related Hydrology Projects

Sub-Goal 1.B: GET THE WATER QUALITY RIGHT

1.B.1: Stormwater Treatment Area (STA) Projects

1.B.2: Total Maximum Daily Load (TMDL) Plan Development

1.B.3: Other Related Water Quality Projects

GOAL 2: RESTORE, PRESERVE & PROTECT NATURAL HABITATS & SPECIES

Sub-Goal 2.A: RESTORE, PRESERVE AND PROTECT NATURAL HABITATS

2.A.1: Habitat Protection Land Acquisition Projects

2.A.2: Coral Reef Protection Projects

2.A.3: Improve Natural Areas Habitat Quality Projects

2.A.4: Other Natural Habitat and Species Related Projects

Sub-Goal 2.B: CONTROL INVASIVE PLANT AND ANIMAL SPECIES

2.B.1: Invasive Exotic Plant Species Management Plan Development

2.B.2: Exotic Plant Species Maintenance Control Projects

2.B.3: Invasive Exotic Plant Species Prevention Plan Development

GOAL 3: FOSTER COMPATIBILITY

Sub Goal 3.A.: USE AND MANAGE LAND IN A MANNER COMPATIBLE WITH RESTOTATION

3.A.1: Florida Greenways and Trails System Projects

3.A.2: Agriculture Lands Conservation Management Projects

3.A.3: Florida Park, Recreation and Open Spaces Lands Projects

3.A.4: Brownfields Rehabilitation and Redevelopment Projects

3.A.5: Increase Community Understanding of Ecosystem Restoration Projects

Sub-Goal 3.B: FLOOD PROTECTION COMPATIBLE WITH ECOSYSTEM RESTORATION

3.B.1: Flood Protection for a Compatible Built and Natural System Projects

Sub-Goal 3.C: PROVIDE SUFFICIENT WATER RESOURCES FOR BUILT AND NATURAL SYSTEMS

3.C.1: Water Resource Development Projects

3.C.2: Increase Volume of Water Reuse Projects

3.C.3: Alternative Water Supply Program Projects

3.C.4: Irrigation Water Consumption Reduction Projects

3.C.5: Other Built and Natural System Compatibility Projects

Project Data Sheets



Courtesy of SFWMD



Courtesy of SFWMD



Courtesy of SFWMD

DATA SHEET PROFILE

Project Name: C&SF: CERP – Acme Basin B Discharge (OPE)
Project ID: 1100
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996, 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 4,960 acre-feet storage capacity and STA

Project Synopsis: This feature includes the construction of a wetland or chemical treatment area and a storage reservoir with a combined total storage capacity of 3,800 ac-ft located adjacent to the Loxahatchee National Wildlife Refuge in Palm Beach County. The initial design for the treatment area and reservoir assumed 310 acres with the water level fluctuating up to 4 feet above grade, and 620 acres with water levels fluctuating up to 8 feet above grade. The final size, depth, and configuration of these facilities will be determined through more detailed planning and design. The purpose of this feature is to provide water quality treatment and stormwater attenuation for runoff from Acme Basin “B” prior to discharge to the Loxahatchee National Wildlife Refuge or alternative locations described below. Excess available water may be used to meet water supply demands in central and southern Palm Beach County.

| | | |
|--------------|-----------------------------------|--------------|
| Cost: | Total | \$20,100,000 |
| | Project Development | \$797,000 |
| | Land Acquisition (est. 930 acres) | \$8,500,000 |
| | Implementation | \$10,803,000 |
| | Operations and maintenance | \$594,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2007 |

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru* | 2002** | 2003 | 2004 | 2005 | 2006 | 2007 | Total |
|--------------|-----------|------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| | 2001 | | | | | | | |
| USACE | 17 | 104 | 2,220 | 1,162 | 2,963 | 1,801 | 1,800 | \$10,050 |
| SFWMD | 17 | 104 | 2,221 | 1,162 | 2,962 | 1,800 | 1,801 | \$10,050 |
| Total | 34 | 208 | 4,441 | 2,324 | 5,925 | 3,601 | 3,601 | \$20,100 |

*programmatic costs

**allocated

Point of Contact: Jerry Grubb (904) 232-2771

Hyperlink: <http://www.evergladesplan.org>

DATA SHEET PROFILE

Project Name: C&SF: CERP - Indian River Lagoon South, C-44 Basin Storage Reservoir (B), and C-23/C-24/C-25/Northfork and Southfork Storage Reservoirs (UU), combined into a single Data Sheet Profile

Project ID: 1101

Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District

Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 190,000 acre-feet surface storage

Project Synopsis: Per CERP, the Indian River Lagoon South Feasibility Study through detailed analysis will determine the final location, size, depth, and configuration of the facility for components B and UU. The Feasibility Study combines components B and UU to address the project purpose identified in CERP for the Upper East Coast Area. The Feasibility Study recommended components are not separable elements and include Reservoirs, Storm Water Treatment Areas, Natural Storage and Treatment Areas (Allapattah, Cypress Creek, and Pal Mar Complexes), Muck Removal, and Artificial Habitat Placement. The purpose of the facility is to provide for flood attenuation to the estuary, water supply benefits including environmental water supply deliveries to the estuary, and water quality benefits to control salinity and reduce loading of nutrients, pesticides and other pollutants contained in runoff presently discharged to the estuary. It is noted that experience from the Upper St. John's Project reveals that greater variability of water levels are more desirable for the ecology and water quality.

| | | |
|--------------|--------------------------------------|---------------|
| Cost: | Total | \$995,935,000 |
| | Land Acquisition (est. 15,054 acres) | \$515,975,000 |
| | Construction | \$479,960,000 |
| | RE Adjustment | \$3,748,000 |

Project Schedule:

| | |
|--------------|-----------------------|
| Start Date: | 1999 |
| Finish Date: | 2010 (For C-44W 2007) |

| C44 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | |
| Real Estate | | | | | | | | | |
| Construction | | | | | | | | | |

| C23 & C24 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

| C25, North & South | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001* | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2010 Balance to Complete | Total |
|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|-------------------------------|----------------|
| Federal | 719 | 12,000 | 65,000 | 85,000 | 85,000 | 85,000 | 56,000 | 32,000 | 77,248 | \$497,967 |
| SFWMD | 719 | 12,000 | 65,000 | 85,000 | 85,000 | 85,000 | 56,000 | 32,000 | 77,249 | \$497,968 |
| Total | 1,438 | 24,000 | 130,000 | 170,000 | 170,000 | 170,000 | 112,000 | 64,000 | 154,497 | 995,935 |

*Budget info thru FY 2001 is allocated.

Point of Contact: Doris A. Marlin (904) 232-1040

DATA SHEET PROFILE

Project Name: C&SF: CERP - Everglades Agricultural Storage Reservoirs Phase I (G P1)
Project ID: 1102
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A-1

Measurable Output(s): 240,000 acre-feet surface storage (Total Phase I and II)

Project Synopsis: This feature includes above-ground reservoir(s) with a total storage capacity of approximately 360,000 acre-feet located in the Everglades Agricultural Area in western Palm Beach County and conveyance capacity increases for the Miami, North New River, and Bolles and Cross Canals. The initial design for the reservoir(s) assumed 60,000 acres, divided into three, equally sized compartments (1, 2, and 3), with the water level fluctuating up to 6 feet above grade in each compartment. The final size, depth and configuration of this facility will be determined through more detailed planning and design. The purpose of this feature is to improve the timing of environmental deliveries to the Water Conservation Areas.

| | | |
|--------------|-------------------------------------|---------------|
| Cost: | Total | \$233,408,000 |
| | Project Development | \$16,035,000 |
| | Land Acquisition (est 50,000 acres) | \$0 |
| | Implementation | \$217,373,000 |
| | Operations and maintenance | \$7,229,205 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2009 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | Thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 Balance to complete | Total |
|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------------------|------------------|
| USACE | 522 | 3,070 | 3,491 | 4,478 | 25,143 | 20,000 | 20,000 | 20,000 | 20,000 | \$116,500 |
| SFWMD | 522 | 3,070 | 3,491 | 4,478 | 25,143 | 20,000 | 20,000 | 20,000 | 20,000 | \$116,500 |
| Total | 1,044 | 6,140 | 6,982 | 8,956 | 50,286 | 40,000 | 40,000 | 40,000 | 40,000 | \$233,408 |

*Budget Information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Brad Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: C&SF: CERP - Everglades Agricultural Storage Reservoirs Phase II (G P2)
Project ID: 1103
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 120,000 acre-feet surface storage (Total Phase I and II)

Project Synopsis: This feature includes above-ground reservoir(s) with a total storage capacity of approximately 360,000 acre-feet located in the Everglades Agricultural Area in western Palm Beach County and conveyance capacity increases for the Miami, North New River, and Bolles and Cross Canals. The initial design for the reservoir(s) assumed 60,000 acres, divided into three, equally sized compartments (1, 2, and 3), with the water level fluctuating up to 6 feet above grade in each compartment. The final size, depth and configuration of this facility will be determined through more detailed planning and design.

| | | |
|--------------|-------------------------------------|---------------|
| Cost: | Total | \$203,240,000 |
| | Project Development | \$8,018,000 |
| | Land Acquisition (est 17,500 acres) | \$86,536,000 |
| | Implementation | \$108,686,000 |
| | Operations and maintenance | \$7,229,205 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2004 |
| Finish Date: | 2014 |

| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | |
| | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | |
| | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2014 Balance to complete | Total |
|--------------|------------|--------------|--------------|--------------|---------------|---------------|----------------------------------|------------------|
| USACE | 178 | 573 | 572 | 573 | 11,390 | 11,389 | 76,945 | \$101,620 |
| SFWMD | 178 | 572 | 573 | 572 | 11,389 | 11,390 | 76,946 | \$101,620 |
| Total | 356 | 1,145 | 1,145 | 1,145 | 22,779 | 22,779 | 153,891 | \$203,240 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Brad Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: C&SF: CERP Lake Okeechobee Watershed
Project ID: 1104
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996, 2000, 2004 (scheduled)

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.1 **Secondary:** 1.B.1, 2.A.3

Measurable Output(s): 17,500 acres of reservoir and 2,500 acres of STA (200,000 acre-feet/storage)
5,000 acres of reservoir and 5,000 acres of STA (50,000/20,000 acre-feet)
4,375 acres reservoir-assisted STA
Restoration of 3,500 acres of wetlands
Removal of 150 tons of phosphorous from 10 miles of primary canals

Project Synopsis: The Lake Okeechobee Watershed Project consists of four separable components: North of Lake Okeechobee Storage Reservoir, Taylor Creek/Nubbin Slough Storage and Treatment Area; Lake Okeechobee Watershed Water Quality Treatment Facilities; and Lake Okeechobee Tributary Sediment Dredging. These components were combined for an opportunity to generate a more efficient design of the components and address the interdependencies and tradeoffs between the components.

- a) **North of Lake Okeechobee Storage Reservoir** - This feature includes an above-ground reservoir and a 2,500-acre stormwater treatment area. The total storage capacity of the reservoir is approximately 200,000 acre-feet and is located in the Kissimmee River Region, north of Lake Okeechobee. The specific location of this facility has not been identified, however, it is anticipated that the facility will be located in Glades, Highlands, or Okeechobee Counties. The initial design of this feature assumed a 20,000-acre facility (17,500-acre reservoir and 2,500-acre treatment area) with water levels in the reservoir fluctuating up to 11.5 feet above grade. The final size, depth and configuration of this facility will be determined through more detailed planning, land suitability analyses, and design. Future detailed planning and design activities will also include an evaluation of degraded water bodies within the watersheds of the storage/treatment facility to determine appropriate pollution load reduction targets, and other water quality restoration targets for the watershed.
- b) **Taylor Creek/Nubbin Slough Storage and Treatment Area** - This feature includes an above-ground reservoir with a total storage capacity of approximately 50,000 acre-feet and a stormwater treatment area with a capacity of approximately 20,000 acre-feet in the Taylor Creek/Nubbin Slough Basin. The initial design of this feature assumed a reservoir of 5,000 acres with water levels fluctuating up to 10 feet above grade and a stormwater treatment facility of approximately 5,000 acres. The final size, depth and configuration of this feature will be determined through more detailed planning, land suitability analysis and design.
- c) **Lake Okeechobee Watershed Water Quality Treatment Facilities** - This feature includes two reservoir-assisted stormwater treatment areas and plugging of select local drainage ditches. The initial design of these reservoir-assisted stormwater treatment areas assumes a 1,775-acre facility in the S-154 Basin in Okeechobee County and a 2,600-acre facility in the S-65D sub-basin of the Kissimmee River Basin in Highlands and Okeechobee Counties. The plugged drainage ditches will result in restoration of approximately 3,500 acres of wetlands throughout the Lake Okeechobee watershed basin. This feature is also consistent with the recommendations of the South Florida Ecosystem Restoration Working Group's Lake Okeechobee Issue Team for achieving water quality restoration objectives in the Lake and should provide significant long-term water quality benefits for the Lake.
- d) **Lake Okeechobee Tributary Sediment Dredging** - This feature includes the dredging of sediments from 10 miles of primary canals within an 8-basin area in the northern watershed of Lake Okeechobee. The initial design assumes that the dredged material will contain approximately 150 tons of phosphorus.

| | | |
|--------------|-----------------------------|---------------|
| Cost: | Total: | \$455,827,000 |
| | Project Development: | \$15,186,000 |
| | Land Acquisition: | \$234,768,000 |
| | Implementation: | \$205,874,000 |
| | Operations and maintenance: | \$6,281,245 |

DATA SHEET PROFILE

Project Schedule:

Start Date: 2000
Finish Date : 2009

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

Detailed Project Budget Information

| | Thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | Balance to complete | Total |
|---|--------------|------------|--------------|--------------|---------------|---------------|---------------------------|------------------|
| Lake Okeechobee Watershed Project | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| North of Lake Okeechobee Storage Reservoir | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Taylor Creek/Nubbin Slough Storage and Treatment Area | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Lake Okeechobee Watershed Water Quality Treatment Facility | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Lake Okeechobee Tributary Sediment Dredging | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | 918.7 | 700 | 2,954 | 2,904 | 66,282 | 65,228 | 318,310 | \$455,828 |

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Carl Dunn (904) 232- 3471

Note : The Corps is not currently tracking this project by components.

DATA SHEET PROFILE

Project Name: C&SF: CERP - North Lake Belt Storage Area (Phase I & II) (XX)
Project ID: 1105
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 90,000 acre-feet. reservoir

Project Synopsis: This feature includes canals, pumps, water control structures, and an in-ground storage reservoir with a total capacity of approximately 90,000 acre-feet located in Miami-Dade County. The initial design of the reservoir assumed 4,500 acres with the water level fluctuating from ground level to 20 feet below grade. A subterranean seepage barrier will be constructed around the perimeter to enable draw down during dry periods, to prevent seepage losses, and to prevent water quality impact due to the high transmissivity of the Biscayne Aquifer in the area. The reservoir will be located within an area proposed for rock mining. A pilot test of this component will be conducted prior to final design to determine construction technologies, storage efficiencies, impacts upon local hydrology, and water quality effects. The water quality assessment will include a determination as to whether the in-ground reservoir with perimeter seepage barrier will allow storage of untreated runoff without concerns of groundwater contamination.

| Cost: | | <u>Phase I</u> | <u>Phase II</u> |
|--|---------------|----------------|-----------------|
| Total | \$500,346,000 | \$250,173,000 | \$250,173,000 |
| Project Development | \$10,474,000 | \$5,237,000 | \$5,237,000 |
| Land Acquisition (estimated 5,861 acres) | \$154,868,000 | \$77,434,000 | \$77,434,000 |
| Implementation | \$335,004,000 | \$167,502,000 | \$167,502,000 |
| Operations and maintenance | \$1,241,234 | | |

Project Schedule:

Start Date: 2011
 Finish Date: 2036

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Phase I | | | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | |

| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Phase II | | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017-2036 Balance to complete | Total |
|--------------|------------|------------|------------|------------|---------------|---------------|---------------|----------------------------------|------------------|
| USACE | 451 | 327 | 327 | 327 | 13,233 | 13,232 | 13,233 | 209,043 | \$250,173 |
| SFWMD | 451 | 327 | 327 | 327 | 13,232 | 13,233 | 13,232 | 209,044 | \$250,173 |
| Total | 902 | 654 | 654 | 654 | 26,465 | 26,465 | 26,465 | 418,087 | \$500,346 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>
Point of Contact: Jill Tefts (904) 232- 3508

DATA SHEET PROFILE

Project Name: C&SF: CERP - Palm Beach Co. Agricultural Reserve Reservoir & Aquifer Storage & Recovery (VV)
Project ID: 1106
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Secondary: 1.A.2

Measurable Output(s): 20,000 acre-feet reservoir
 0.075 bgd of ASR wells

Project Synopsis: This feature includes an above-ground reservoir with a total storage capacity of approximately 20,000 acre-feet located in the western portion of the Palm Beach County Agricultural Reserve. Aquifer storage and recovery wells with a capacity of 75 million gallons per day and associated pre- and post- water quality treatment located adjacent to the reservoir will also be a part of this feature. The initial design for the reservoir assumed 1,660 acres with water levels fluctuating up to 12 feet above grade. The final size, depth and configuration of these facilities will be determined through more detailed planning and design. The initial design of the wells assumed 15 well clusters, each with a capacity of 5 million gallons per day as well as chlorination for pre-treatment and aeration for post-treatment. The source of water to be injected is surficial ground water adjacent to the reservoir. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery.

| | | |
|--------------|------------------------------------|---------------|
| Cost: | Total | \$121,359,000 |
| | Project Development | \$1,825,000 |
| | Land Acquisition (est 1,660 acres) | \$57,657,000 |
| | Implementation | \$61,877,000 |
| | Operations and maintenance | \$1,019,500 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2005 |
| Finish Date: | 2019 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012-2019 Balance to complete | Total |
|--------------|------------|------------|------------|------------|---------------|---------------|---------------|---------------|----------------------------------|------------------|
| USACE | 108 | 83 | 83 | 83 | 5,849 | 5,848 | 5,849 | 5,848 | 36,939 | \$60,680 |
| SFWMD | 108 | 83 | 83 | 83 | 5,848 | 5,849 | 5,848 | 5,849 | 36,928 | \$60,680 |
| Total | 216 | 166 | 166 | 166 | 11,697 | 11,697 | 11,697 | 11,697 | 73,857 | \$121,359 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Paul Moczynski - 904-232-3846

DATA SHEET PROFILE

Project Name: C&SF: CERP - Site 1 Impoundment and Aquifer Storage and Recovery (M)
Project ID: 1107
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: Primary:1.A.1

Secondary:1.A.2

Measurable Output(s): 15,000 acre-ft. reservoir; 150 mgd of ASR wells

Project Synopsis: This feature includes an above-ground reservoir with a total storage capacity of approximately 15,000 acre-feet located in the Hillsboro Canal Basin in southern Palm Beach County. A series of aquifer storage and recovery wells with a total capacity of approximately 150 million gallons per day and associated pre- and post-water quality treatment will also be a part of this feature located adjacent to the reservoir or along the Hillsboro Canal. The initial design of the reservoir assumed 2,460 acres with water levels fluctuating up to 6 feet above grade. The final size, depth and configuration of these facilities will be determined through more detailed planning and design to be completed as a part of the Water Preserve Areas Feasibility Study. The initial design of the aquifer storage and recovery facility assumed 30 well clusters, each with a capacity of 5 million gallons per day with chlorination for pre-treatment and aeration for post-treatment.

| Cost: | | <u>Phase I</u> | <u>Phase II</u> |
|--|---------------|----------------|-----------------|
| Total | \$131,379,000 | \$38,535,000 | \$92,844,000 |
| Project Development | \$8,024,000 | \$1,027,000 | \$6,997,000 |
| Land Acquisition (estimated 1,658 acres) | \$8,420,000 | \$8,420,000 | \$0 |
| Implementation | \$99,768,000 | \$13,921,000 | \$85,847,000 |
| Operations and maintenance | \$2,052,608 | | |
| RE Adjustment | \$15,167,000 | | |

Project Schedule:

Start Date: 2002
 Finish Date: 2017

| Phase I | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|
| Planning & Design | | | | | | |
| Real Estate | | | | | | |
| Construction | | | | | | |

| Phase II | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | |
| Real Estate N/A | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| Phase I | thru* 2001 | 2002** | 2003 | 2004 | 2005 | 2006 | 2007 | Total |
|----------------|-----------------------|---------------|---------------|--------------|--------------|--------------|--------------|-----------------|
| USACE | 34 | 100 | 6,108 | 4,856 | 4,690 | 1,740 | 1,740 | \$19,268 |
| SFWMD | 34 | 100 | 6,108 | 4,855 | 4,690 | 1,740 | 1,740 | \$19,267 |
| Total | 68 | 200 | 12,216 | 9,711 | 9,380 | 3,480 | 3,480 | \$38,535 |

DATA SHEET PROFILE

| Phase II | Thru 2001* | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015-2017 Balance to Complete | Total |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------------------------|-----------------|
| USACE | 81 | 583 | 583 | 583 | 583 | 583 | 11,314 | 32,112 | \$46,422 |
| SFWMD | 81 | 583 | 583 | 583 | 583 | 583 | 11,313 | 32,113 | \$46,422 |
| Total | 162 | 1,166 | 1,166 | 1,166 | 1,166 | 1,166 | 22,627 | 64,225 | \$92,844 |

*programmatic costs

**allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jeffery D. Couch (904) 232-1464

DATA SHEET PROFILE

Project Name: C&SF: CERP – Bird Drive Recharge Area (U)
Project ID: 1108
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 11,500 acre-ft. storage; pumps, water control structures, and canals

Project Synopsis: This feature includes pumps, water control structures, canals, and an aboveground recharge area with a total storage capacity of approximately 11,500 acre-feet located in Miami-Dade County. The initial design of the recharge feature assumed 2,877 acres with the water level fluctuating up to 4 feet above grade. Final design will seek to enhance and maintain the continued viability of wetlands within the basin. The final size, depth and configuration of these facilities will be determined through more detailed planning and design to be completed as a part of the Water Preserve Areas Feasibility Study and will address appropriate pollution load reduction targets necessary to protect downstream receiving surface waters.

| | | |
|--------------|--------------------------------------|---------------|
| Cost: | Total | \$124,083,000 |
| | Project Development | \$3,603,000 |
| | Land Acquisition (est. 10,000 acres) | \$71,625,000 |
| | Implementation | \$48,855,000 |
| | Operations and maintenance | \$1,470,869 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2004 |
| Finish Date: | 2014 |

| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | |
| | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | |
| | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2014 Balance to complete | Total |
|--------------|------------|------------|------------|---------------|---------------|---------------|-------------------------------------|------------------|
| USACE | 108 | 300 | 300 | 9,253 | 9,253 | 9,253 | 33,574 | \$62,042 |
| SFWMD | 108 | 300 | 300 | 9,253 | 9,253 | 9,253 | 33,575 | \$62,042 |
| Total | 216 | 600 | 600 | 18,506 | 18,506 | 18,506 | 67,149 | \$124,083 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jill A. Tefts (904) 232-3508

DATA SHEET PROFILE

Project Name: C&SF: CERP - C-43 Basin Storage Reservoir and ASR (D)
Project ID: 1109
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Secondary: 1.A.2

Measurable Output(s): 160,000 acre-ft storage
 .220 bgd (44 ASR wells)

Project Synopsis: This feature includes above-ground reservoir(s) with a total storage capacity of approximately 160,000 acre-feet and aquifer storage and recovery wells with a capacity of approximately 0.220 billion gallons per day and associated pre- and post-water quality treatment located in the C-43 Basin in Hendry, Glades, or Lee Counties. The initial design of the reservoir(s) assumed 20,000 acres with water levels fluctuating up to 8 feet above grade. The final size, depth and configuration of this facility will be determined through more detailed planning and design. The initial design of the wells assumed 44 wells, each with the capacity of 5 million gallons per day with chlorination for pre-treatment and aeration for post-treatment. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery pilot project (U.S. Environmental Protection Agency, 1999).

| | | |
|--------------|-------------------------------------|---------------|
| Cost: | Total | \$440,195,000 |
| | Project Development | \$21,543,000 |
| | Land Acquisition (est 20,000 acres) | \$132,621,000 |
| | Implementation | \$286,031,000 |
| | Operations and maintenance | \$6,707,889 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2018 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | thru 2001* | 2002* | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2018 Balance to complete | Total |
|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|-------------------------------|------------------|
| USACE | 690 | 1,998 | 750 | 5,000 | 5,000 | 5,000 | 30,000 | 19,500 | 152,159 | \$220,098 |
| SFWMD | 690 | 1,998 | 750 | 5,000 | 5,000 | 5,000 | 30,000 | 19,500 | 152,160 | \$220,098 |
| Total | 1,380 | 3,996 | 1,500 | 10,000 | 10,000 | 10,000 | 60,000 | 39,000 | 304,319 | \$440,195 |

*allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Carl Dunn (904)232- 3471

DATA SHEET PROFILE

Project Name: C&SF: CERP - Central Lake Belt Storage Area (S)(EEE)
Project ID: 1110
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Secondary: 1.B.1

Measurable Output(s): 190,000 acre-ft. storage, 640 acres STA

Project Synopsis: This feature includes pumps, water control structures, a stormwater treatment area, and a combination above-ground and in-ground storage reservoir with a total storage capacity of approximately 190,000 acre-feet located in Miami-Dade County. The initial design of the reservoir assumed 5,200 acres with the water level fluctuating from 16 feet above grade to 20 feet below grade. A subterranean seepage barrier will be constructed around the perimeter to enable drawdown during dry periods and to prevent seepage losses. A pilot test of this technology will be conducted prior to final design of this component to determine construction technologies, storage efficiencies, impacts upon local hydrology, and water quality effects. Since this facility is to be located within the protection area of Miami-Dade County's Northwest Wellfield, the pilot test will also be designed to identify and address potential impacts to the County's wellfield which may occur during construction and/or operation. The stormwater treatment area was assumed to be 640 acres with the water level fluctuating up to 4 feet above grade.

| Cost: | | <u>Phase I</u> | <u>Phase II</u> |
|--|---------------|----------------|-----------------|
| Total | \$466,725,000 | \$346,793,000 | \$119,932,000 |
| Project Development | \$10,872,000 | \$8,154,000 | \$2,718,000 |
| Land Acquisition (estimated 5,770 acres) | \$100,359,000 | \$75,269,000 | \$25,090,000 |
| Implementation | \$355,494,000 | \$263,370,000 | \$92,124,000 |
| Operations and maintenance | \$1,964,519 | | |

Project Schedule:

Start Date: 2011
 Finish Date: 2036

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Phase I | | | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | |

| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Phase II | | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 2001* | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018-2036 Balance to complete | Total |
|--------------|------------|--------------|--------------|--------------|---------------|---------------|---------------|-------------|-------------------------------------|------------------|
| USACE | 422 | 509 | 510 | 509 | 13,055 | 13,054 | 13,055 | 510 | 191,739 | \$233,363 |
| SFWMD | 422 | 510 | 509 | 510 | 13,054 | 13,055 | 13,054 | 509 | 191,739 | \$233,363 |
| Total | 844 | 1,019 | 1,019 | 1,019 | 26,109 | 26,109 | 26,109 | 1019 | 383,478 | \$466,725 |

*programmatic costs

Point of Contact: Jill A. Tefts (904) 232-3508

Hyperlink: <http://www.evergladesplan.org>

DATA SHEET PROFILE

Project Name: Critical Ecosystems Restoration Projects - Ten Mile Creek
Project ID: 1111
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.1 **Secondary:** 2.A.3

Measurable Output(s): Water preserve area and polishing cell, 2,740 acres enhanced by project, 5000 acre feet of storage provided on 550 acres of land.

Project Synopsis: This project will consist of the acquisition of 700-1600 acres of land in the eastern portion of the Ten Mile Creek Basin and the construction of an above-ground impoundment for stormwater detention purposes on this property. It will also include construction of a pump station and several control structures for circulation and discharge within the project. A constructed wetland or flow-through marsh has been added for additional water quality improvement purposes. The construction of a water preserve area and polishing cell will attenuate flows and improve water quality discharge into St. Lucie Estuary. Design is underway.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$29,946,000 |
| | Project Development | \$2,500,000 |
| | Land Acquisition | \$4,500,000 |
| | Implementation | \$22,946,00 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1997 |
| Finish Date: | 2003 |

| | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------|------|------|------|------|------|------|------|------|
| Design | | | | | | | | |
| Real Estate | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | Balance to complete | Total |
|--------------|---------------|--------------|---------------|------------------------|-----------------|
| USACE | 1,915 | 2,898 | 5,546 | 4,614 | \$14,973 |
| SFWMD | 1,915 | 2,898 | 5,546 | 4,614 | \$14,973 |
| Total | 3,830 | 5,796 | 11,092 | 9,228 | \$29,946 |

*allocated

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**budget
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Hyperlink: <http://www.saj.usace.army.mil/projects/lprproj11.htm>

Point of Contact: Carl Overstreet (904) 232- 3515

DATA SHEET PROFILE

Project Name: C&SF: CERP - C-51 Regional Groundwater Aquifer Storage and Recovery (LL)
Project ID: 1200
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.2

Measurable Output(s): 0.17 Billion Gallons per Day

Project Synopsis: This feature includes a series of aquifer storage and recovery wells with a capacity of 0.17 billion gallons per day as well associated pre- and post- water quality treatment to be constructed along the C-51 Canal in Palm Beach County. The initial design of the wells assumed 34 well clusters, each with a capacity of 5 million gallons per day with chlorination for pre-treatment and aeration for post-treatment. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery pilot project.

| | | |
|--------------|----------------------------|---------------|
| Cost: | Total | \$127,291,000 |
| | Project Development | \$3,363,000 |
| | and Acquisition (est) | \$9,945,000 |
| | Implementation | \$113,983,000 |
| | Operations and maintenance | \$1,496,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2009 |
| Finish Date: | 2020 |

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016-2020 Balance to complete | Total |
|--------------|------------|------------|------------|------------|--------------|--------------|--------------|---------------|----------------------------------|------------------|
| USACE | 164 | 240 | 240 | 240 | 1,483 | 1,483 | 1,483 | 10,982 | 47,330 | \$63,645 |
| SFWMD | 164 | 240 | 240 | 240 | 1,483 | 1,483 | 1,483 | 10,982 | 47,331 | \$63,646 |
| Total | 328 | 480 | 480 | 480 | 2,966 | 2,966 | 2,966 | 21,964 | 94,661 | \$127,291 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Paul Moczynski (904) 232-3846

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Okeechobee Aquifer Storage and Recovery (GG)
Project ID: 1201
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.2

Measurable Output(s): 1 bgd in 200 ASR wells

Project Synopsis: This feature includes a series of aquifer storage and recovery wells adjacent to Lake Okeechobee with a capacity of 1-billion gallons per day and associated pre- and post- water quality treatment in Glades and Okeechobee Counties. The initial design assumes 200 wells, each with the capacity of 5 million gallons per day with 8-ultrafiltration water quality pre-treatment facilities and aeration for post-treatment. Based on information for existing aquifer storage and recovery facilities, it is assumed that recovery of aquifer-stored water would have no adverse effects on water quality conditions in Lake Okeechobee. In fact, some level of nutrient load reduction may occur as a result of aquifer storage, which would be a long-term benefit to in-lake water quality conditions. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery pilot project (U.S. Environmental Protection Agency, 1999). The pilot project would also investigate changes to water chemistry resulting from aquifer storage and identify post-retrieval water quality treatment requirements, if any, necessary to implement aquifer storage and recovery facilities. The Implementation Plan (Section 10) includes pilot studies to investigate the proposed facilities, including water quality changes associated with aquifer storage and recovery.

Cost: Total \$1,097,312,000
 Project Development \$76,174,000
 Land Acquisition (estimated 300 acres) \$7,515,000
 Implementation \$1,013,623,000
 Operations and maintenance

Project Schedule:

Start Date: 2009
 Finish Date: 2026

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001 * | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016-2026 Balance to Complete | Total |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------------|--------------------|
| Federal | 959 | 2,539 | 2,539 | 2,539 | 2,539 | 2,880 | 2,881 | 2,880 | 528,900 | \$548,656 |
| SFWMD | 959 | 2,539 | 2,539 | 2,539 | 2,539 | 2,881 | 2,880 | 2,881 | 528,899 | \$548,656 |
| Total | 1,918 | 5,078 | 5,078 | 5,078 | 5,078 | 5,761 | 5,761 | 5,761 | 1,057,799 | \$1,097,312 |

* programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Glenn Landers (904)232-2125

DATA SHEET PROFILE

Project Name: Canal C-111
Project ID: 1300
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: FCA 1962 and Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.3 **Secondary:** 3.B.1

Measurable Output(s): Canals, levees, 5 pump stations, replacement of an existing bridge and modification of nine canals 4 miles long.

Project Synopsis: The goal of the C-111 Project modifications is restoration of the Taylor Slough and eastern panhandle of Everglades National Park, while maintaining flood protection within the C-111 basin east of L-31N and C-111. The project plan consists of both structural and nonstructural modifications to the existing project works within the C-111 basin. Structural components of the plan include: construction or modification of nine canals 4 miles long, construction of an L-31 Tieback levee and S-332D tieback levee, removal of existing spoil material along the south side lower C-111, construction of five pump stations, and replacement of an existing bridge over Taylor Slough in ENP. The project requires the acquisition of lands in the Frog Pond; the Rocky Glades Agricultural Area (L-31N lands); and additional lands in the Southern Glades. These modifications will widen the areal extent of water distribution capability, thereby restoring more natural hydrology in 128 square miles of the Taylor Slough and its headwaters in the Rocky Glades.

The goal of this project is to restore more natural timing, distribution, and quantity of freshwater flows to Taylor Slough and the wetlands in the panhandle of ENP. Restoring the natural hydroperiods will help restore and maintain natural vegetation communities in these regions of ENP. The detention/retention area will also contribute to improving the water quality of waters delivered to ENP.

| | | |
|--------------|---------------------|---------------|
| Cost: | Total | \$268,200,000 |
| | Project Development | \$48,098,000 |
| | Land Acquisition | \$116,452,000 |
| | Construction | \$103,650,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1994 |
| Finish Date: | 2005 |

| | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | |
| Real Estate | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | Total |
|--------------|---------------|---------------|---------------|---------------|---------------|------------------|
| USACE | 43,793 | 6,238 | 17,943 | 33,063 | 33,063 | \$134,100 |
| SFWMD | 43,793 | 6,238 | 17,943 | 33,063 | 33,063 | \$134,100 |
| Total | 87,586 | 12,476 | 35,886 | 66,126 | 66,126 | \$268,200 |

*allocated

**budget

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Cheryl Ulrich (904) 232- 1700

DATA SHEET PROFILE

Project Name: C&SF:CERP–Water Conservation Area 3 Decompartmentalization and Sheetflow Enhancement (AA)(QQ)(SS)
Project ID: 1301 (Phase I and II)
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2012 (scheduled)

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.3 **Secondary:** 2.A.3

Measurable Output(s): 240 miles modification or removal of levees, canals & water control structures

Project Synopsis: These features include the construction of new water control structures and the modification or removal of levees, canals, and water control structures in Water Conservation Area 3A and B located in western Broward County. Sheetflow obstructions will be removed with the backfilling of the Miami Canal and southern 7.5 miles of L-67A Borrow Canal, removal of the L-68A, L-67C, L-29, L-28, and L-28 Tieback Levees and Borrow Canals, and elevating of Tamiami Trail. Water supply deliveries to Miami-Dade County, previously made through the Miami Canal, will be rerouted through an expanded North New River Canal and southern conveyance system. Eight passive weir structures to be located along the entire length of L-67A will also promote sheetflow from Water Conservation Area 3A and 3B during high flow conditions.

| Cost: | | <u>Phase I</u> | <u>Phase II</u> |
|--|---------------|----------------|-----------------|
| Total | \$211,687,000 | \$106,030,000 | \$105,657,000 |
| Project Development | \$12,737,000 | \$7,338,000 | \$5,399,000 |
| Land Acquisition (estimated 255 acres) | \$26,279,000 | \$26,279,000 | \$0 |
| Implementation | \$172,671,000 | \$72,413,000 | \$100,258,000 |
| Operations and maintenance | \$740,111 | | |

Project Schedule:

Start Date: 2001
Finish Date: 2015

| Phase I | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| Construction | | | | | | | | | | |
| Phase II | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Planning & Design | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| Construction | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| Phase I | Thru 2001* | 2002* | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2010 Balance to complete | Total |
|--------------|-------------|------------|---------------|--------------|--------------|---------------|---------------|---------------|----------------------------------|------------------|
| USACE | 373 | 1 | 5,840 | 4,991 | 4,991 | 7,853 | 7,241 | 7,241 | 14,484 | \$53,015 |
| SFWMD | 373 | 1 | 5,840 | 4,991 | 4,991 | 7,853 | 7,241 | 7,241 | 14,484 | \$53,015 |
| Total | 746 | 2 | 11,680 | 9,982 | 9,982 | 15,706 | 14,482 | 14,482 | 28,968 | \$106,030 |
| Phase II | Thru 2001** | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013-2015 Balance to complete | Total |
| USACE | 94 | 385 | 386 | 385 | 386 | 385 | 10,411 | 10,411 | 29,985 | \$52,829 |
| SFWMD | 94 | 386 | 385 | 386 | 385 | 386 | 10,411 | 10,411 | 29,985 | \$52,828 |
| Total | 188 | 771 | 771 | 771 | 771 | 771 | 20,822 | 20,822 | 59,970 | \$105,657 |

*Allocated

**programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Kim Taplin (561) 683- 1577 Ext. 13

DATA SHEET PROFILE

Project Name: C&SF: CERP - Florida Keys Tidal Restoration (OPE)
Project ID: 1302
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.3

Measurable Output(s): Bridges and culverts

Project Synopsis: This project will restore historic flow ways between the Atlantic Ocean and the Gulf of Mexico which were blocked during the construction of Highway US 1. An existing tidal creek restoration project in the vicinity of the proposed restoration project was fully successful. Three tidal creeks in the vicinity of Marathon, Florida have been selected for restoration. Culverts will be located and sized to maximize flow and placed under US 1 to allow tidal exchange and flushing. Sites of the three flow ways to be restored are: Tarpon Creek, Fat Deer Key (MM54), unnamed flow way between Fat Deer Key and Long Point Key (MM56), and unnamed creek at Little Crawl Key (MM57). Monitoring of water quality, benthic community composition, and sediment particle size will be performed before construction and 0.5 and 1 year after construction. Additional tidal flow way restoration projects will be identified in the future based upon results of these three initial restoration projects.

| | | |
|--------------|--------------------------------------|-------------|
| Cost: | Total | \$1,251,000 |
| | Project Development | \$82,000 |
| | Land Acquisition (estimated 5 acres) | \$51,000 |
| | Implementation | \$1,118,000 |
| | Operations and maintenance | \$0 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2006 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)*

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | Total |
|--------------|------------|------------|-----------|-----------|------------|------------|----------------|
| USACE | 100 | 395 | 12 | 12 | 50 | 55 | \$626 |
| SFWMD | 100 | 395 | 13 | 13 | 50 | 56 | \$626 |
| Total | 200 | 790 | 25 | 25 | 100 | 111 | \$1,251 |

*Budget information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Cheryl Ulrich (904) 232-1700

DATA SHEET PROFILE

Project Name: Critical Projects - Southern Corkscrew Regional Ecosystem Watershed
Project ID: 1303
Lead Agency: U.S. Army Corps of Engineers
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.A.3

Measurable Output(s): structural modifications

Project Synopsis: Removal of canal and road berms, house pads and ditches will allow historic sheetflow to be re-established.

| | | |
|--------------|---------------------|-------------|
| Cost: | Total | \$3,435,000 |
| | Project Development | \$237,000 |
| | Implementation | \$3,198,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2005 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------|------|------|------|------|------|------|------|
| Design | | | | | | | |
| | | | | | | | |
| Construction | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | Total |
|--------------|---------------|-----------|------------|------------|------------|----------------|
| USACE | 211 | 13 | 498 | 498 | 498 | \$1,718 |
| SFWMD | 211 | 13 | 498 | 498 | 497 | \$1,717 |
| Total | 422 | 26 | 996 | 996 | 995 | \$3,435 |

*allocated

**budget

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Carl Overstreet (904) 232- 3515

DATA SHEET PROFILE

Project Name: East WCA-3A Hydropattern Restoration
Project ID: 1304
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.A.3

Measurable Output(s): Improve the volume, timing and distribution of water entering the Everglades

Project Synopsis: The existing L-5 levees and borrow canal will be modified to result in a sheet flow approximation along the northerly perimeter of WCA-3A adjacent to STA 3/4. This modification will extend from the North New River Canal westerly to the west line of STA 3/4, a total distance of approximately 48,000 feet. The East WCA-3A Hydropattern Restoration plan component includes, but is not limited to, the following physical works: removal of existing North and South Levee L-5 all along the southerly perimeter of STA 3/4, enlargement of the L-5 Borrow Canal for increased conveyance to the North New River Canal.

*** Cost (Estimate):**

| | |
|-----------------------------|-------------|
| Total: | \$8,360,631 |
| (1) Project Development: | \$313,967 |
| Land Acquisition: | \$0 |
| (2) Implementation: | \$4,857,664 |
| Operations and Maintenance: | \$3,189,000 |

Project Schedule:

Expected Completion Date September 2002

| | FY 1994- FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|---------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 94-00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|--------------------|
| Federal | | | | | | | | |
| State | \$249,038 | \$3,959,675 | \$962,918 | \$218,000 | \$226,000 | \$234,000 | \$2,511,000 | \$8,360,631 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$249,038 | \$3,959,675 | \$962,918 | \$218,000 | \$226,000 | \$234,000 | \$2,511,000 | \$8,360,631 |

*Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.

- (1) Project Development includes Design Phase [contracts & staff costs] costs.
- (2) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: Kissimmee Prairie
Project ID: 1305
Lead Agency: South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: Primary: 1.A.3

Secondary: 2.A.1

Measurable Output(s): Removing 39.3 miles of ditches and dikes, Target 38,282 Acres

Project Synopsis: This project involves acquisition and restoration of wetland and dry prairie habitat in Okeechobee County. The SFWMD and FDEP purchased 38,282 acres of land in 1997 for conservation as the Kissimmee Prairie State Preserve. Restoration has been initiated on the Preserve as well as the adjacent 7,315-acre Ordway-Whittell Kissimmee Prairie Sanctuary owned and managed by the National Audubon Society. The project will restore 13,100 acres of wetlands that were over drained or over impounded by agricultural activities. In addition, the project will enhance another 2,625 acres of wetlands and 9,500 acres of associated dry prairie habitat. Restoration will be accomplished by removing 39.3 miles of ditches and dikes to return sheet flow across the land. Enhancement will include removal of unwanted or invasive vegetation from wetland and dry prairie habitats.

The purpose of the land acquisition project is to preserve the unique wetland and dry prairie habitats that were in agriculture and cattle land use and, using a five-year federal grant, restore and enhance these lands. Approximately 5,000 acres of the project hydraulically linked with the Kissimmee River will be reconnected, thereby restoring wetland habitat to regain historical biological diversity. The remaining 40,000 acres of the project in the project area contain extensive wetland habitats and excellent examples of the dry-prairie community type, which is recognized by the Florida Natural Areas Inventory as endangered at state and global levels. Because of the conversion of similar lands to citrus and improved pasture throughout central Florida, the Kissimmee Prairie Ecosystem, in combination with the adjacent Air Force's Avon Park Bombing Range and Audubon's Kissimmee Prairie Sanctuary, will form the largest region of dry prairie in public ownership in the State. Its preservation is the most important step in the recovery of the federally endangered Florida grasshopper sparrow. The endangered whooping crane, Everglades snail kite, and the woodstork utilize the habitats of the project area. Protection of these lands will also provide habitat for the following threatened species: southern bald eagle, Audubon's caracara, Florida scrub jay, and the eastern indigo snake. In addition, the project area contains habitat that supports over 800 species of plants and animals.

Cost: Total:
 Project size 38,282 acres
 38,282 acres have been acquired at a cost of \$21,953,796
 Project Development
 Land Acquisition Project completed
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1996
 Finish Date: 1997

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-------------------|------|------|------|------|------|---------------------------|-------------------|
| Federal | | | | | | | | |
| State | 21,953,796 | | | | | | 0 | 21,953,796 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 21,953,796 | | | | | | 0 | 21,953,796 |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.ht>

DATA SHEET PROFILE

Project Name: Kissimmee River, Florida
Project ID: 1306
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1986, 1988, 1992

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.3 **Secondary:** 2.A.3

Measurable Output(s): 27,000 acres of floodplain wetlands, 43 miles of contiguous river channel, 40 square miles of the river/floodplain ecosystem (Lower Basin Land Acquisition (SFWMD 62,628 acres), Upper Basin Land Acquisition (SFWMD 33,919 acres).

Project Synopsis: The project includes 3,000 square miles stretching from Orlando to Lake Okeechobee in central Florida and involves the ecosystem restoration of the historic floodplain to reestablish wetland conditions through modifications to the operation of the lakes, modification of Structure 65, enlargement of canals 36 and 37, backfilling of 22 miles of C-38, excavation of about 9 miles of new river channel, removal of two water control structures and locks, and land acquisition. The project will restore the ecological integrity of the historical Kissimmee River/floodplain ecosystem by recreating approximately 40 square miles of the river/floodplain ecosystem, including 43 miles of contiguous river channel and 27,000 acres of floodplain wetlands.

| | | |
|--------------|----------------------------|---------------|
| Cost: | Total | \$578,000,000 |
| | Project Development | \$70,255,000 |
| | Land Acquisition | \$180,056,000 |
| | Implementation | \$327,689,000 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1994 |
| Finish Date: | 2010 |

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
|--------------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|
| Design | | | | | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | 2006-2010 Balance to complete | Total |
|--------------|----------------|---------------|---------------|---------------|---------------|-------------------------------------|------------------|
| USACE | 79,270 | 21,715 | 23,727 | 20,329 | 20,329 | 123,629 | \$289,000 |
| SFWMD | 79,270 | 21,715 | 23,727 | 20,329 | 20,329 | 123,629 | \$289,000 |
| Total | 158,540 | 43,430 | 47,454 | 40,659 | 40,659 | 247,258 | \$578,000 |

*allocated

**budget

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Kim Brooks-Hall (904) 232- 3155

DATA SHEET PROFILE

Project Name: Modified Water Deliveries to Everglades National Park
Project ID: 1307
Lead Agency: National Park Service
Authority: Everglades National Park Protection and Expansion Act of 1989 (Public Law 101-229)

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.4 **Secondary:** 2.A.4

Measurable Output(s): 21 miles of modification of flow impediments; acres of habitat restored

Project Synopsis: This project is funded from the Construction Account managed by the National Park Service and the Department of the Interior. The authorized project consists of structural features with the intended purpose of restoring more natural hydrological conditions in Water Conservation Area (WCA) 3 and Shark River Slough within Everglades National Park. Hydrological improvements are crucial to restoring ecosystem productivity in the southern Everglades and maintaining adequate freshwater inflow to the downstream estuaries along the Gulf of Mexico and Florida Bay.

This project involves construction of modifications to the Central and Southern Florida (C&SF) Project water management system and related operational changes to provide improved water deliveries to Everglades National Park (ENP). The project includes water control structures to restore more natural hydrologic conditions within ENP. The Corps of Engineers 1992 General Design Memorandum (GDM) project design for the Modified Water Deliveries (MWD) Project consists of structural features with the intended purpose of restoring conveyance between water conservation areas north of ENP and the Shark River Slough within the park. It will also provide flood mitigation to the 8.5 Square Mile Area, a residential area adjacent to the park expansion boundary in East Everglades. For management purposes, the project is described in four categories: 8.5 Square Mile Area, Conveyance and Seepage Control, Tamiami Trail and Other (ENP requirements, Experimental Program, Cape Sable seaside sparrow emergency, and Osceola Camp). Since the completion of the 1992 GDM, investigations associated with the Comprehensive Everglades Restoration Plan (CERP) resulted in the identification of revised ecosystem restoration requirements. This, in turn, has resulted in the identification of potential design problems associated with the original 1992 project features.

This project is being implemented in conjunction with acquisition of 109,504 acres in the East Everglades as part of the Everglades National Park expansion. Acquisition of land within the East Everglades Addition is necessary to limit further losses suffered by the park due to habitat destruction outside former boundaries and to restore natural water flow patterns that are critical to the ecological integrity and long-term viability of park resources.

Based on a judgment entered in the federal court in Florida, the USACE has stopped work on the Alternative 6D part of the project. However, the USACE is working to resolve issues raised by this concern.

Cost: Total \$190,890,000

Project Schedule:

Start Date: 1990
 Finish Date: 2005

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------|------|------|------|------|------|------|------|------|------|
| Design | | | | | | | | | |
| Real Estate | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 2001 | 2002 | 2003 | 2004 | 2005 | Balance to complete | Total |
|--------------|----------------|---------------|---------------|---------------|------------|---------------------|------------------|
| Federal | 124,963 | 35,199 | 13,295 | 16,990 | 443 | 0 | \$190.890 |
| Total | 124,963 | 35,199 | 13,295 | 16,990 | 443 | 0 | \$190.890 |

Hyperlink: <http://www.evergladesplan.org>
Point of Contact: Walter Chavez (305) 242-7700

DATA SHEET PROFILE

Project Name: Additional Water Conveyance Structures Under Tamiami Trail
Project ID: 1400
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Project Synopsis: Improvement in the natural sheetflow of surface water within the watersheds of the Ten Thousand Islands National Wildlife Refuge & Aquatic Preserve, Southern Golden Gate Estates, Fakahatchee Strand State Preserve, Big Cypress National Preserve and Everglades National Park. By creating a more diffuse flowway beneath the Tamiami Trail, a more natural hydropattern will be established north and south of this highway. Improvement of the natural hydrology will also enhance biological restoration of the region. This project will directly support objectives for several other south Florida projects such as the Levee 28 modification and restoration of Southern Golden Gate Estates.

This Project consists of two phases. The Phase I involves planning, project design and construction of 62 culverts under US 41 and 15 under Loop Road between SR 92 and Collier / Miami-Dade County line. The Phase II involves resurfacing of the roadway of the Tamiami Trail pursuant to construction of the culverts.

| | | |
|--------------|------------------|--------------|
| Cost: | Total | |
| | Culverts | \$10,250,000 |
| | Road Resurfacing | \$8,149,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1998 |
| Finish Date: | 2005 |

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------|------|------|------|------|------|------|------|------|------|
| Phase I 1999 - 2000 | | | | | | | | | |
| Phase II 2003 – 2004 | | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | Total |
|---------------|--------------|------|------|------|-------|-------|-------|-------|
| Federal | 489 | 735 | 300 | 615 | (606) | 1,927 | 1,665 | 5,125 |
| SFWMD | 125 | 77 | 20 | 6 | 102 | 482 | 220 | 1,032 |
| FDOT Phase I | | | | | 1,203 | 1,445 | 1,445 | 4,093 |
| FDOT Phase II | | | 27 | 101 | 3,632 | 4,389 | | 8,148 |

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Kim Taplin - 561-683-1577 ext 13

DATA SHEET PROFILE

Project Name: Biscayne Bay Feasibility Study
Project ID: 1401
Lead Agency: U.S. Army Corps of Engineers /Miami-Dade Co.
Authority: Water Resources Development Act 19 96

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report

Project Synopsis: Biscayne Bay is a shallow, well-mixed estuary located along the southeastern coast of Florida. It includes most of Biscayne National Park and adjacent lands provide fresh surface or groundwater to Biscayne Bay. The Central and Southern Florida (C&SF) Project is believed to have changed the timing, distribution and amount of freshwater reaching the bay. This impacts the natural salinity patterns and ecology of that bay. The C&SF Project is undergoing review to determine if modifications are warranted to restore freshwater flows to the Everglades and Florida Bay. Proposed modifications to this hydrologically-connected system may impact Biscayne Bay. This study allows resource managers to assess those impacts and determine if further studies of Biscayne Bay are needed.

Cost: Total \$6,370,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date 1996
Finish Date 2001

| | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|-------------------|------|------|------|------|------|------|
| Planning & Design | | | | | | |
| Real Estate | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | Balance to complete | Total |
|----------------|---------------|------------|------------------------|----------------|
| USACE | 1,036 | 151 | 2,233 | \$3,420 |
| Miami Dade Co. | 1,036 | 151 | 1,763 | \$2,950 |
| Total | 2,072 | 302 | 3,996 | \$6,370 |

*allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jill Tefts (904) 232-3508

DATA SHEET PROFILE

Project Name: C&SF: CERP Water Preserve Areas (WPA) Feasibility Study
Project ID: 1402
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1992, 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Reports

Project Synopsis: The Water Preserve Areas (WPA) Feasibility Study initiated in August 1995 was authorized by WRDA 1992. The purpose of the WPA Feasibility Study is to further develop the components, in the recommended Comprehensive Plan identified as water preserve area components. The WPA Feasibility Study will bridge the gap between the conceptual design contained in the Comprehensive Plan and the detailed design necessary to proceed to construction. The concept of the water preserve areas originated from the South Florida Water Management District's East Coast Buffer concept. The East Coast Buffer concept recommended a series of marshes, reservoirs and ground water recharge areas along the east side of the Water Conservation Areas (WCAs). The reconnaissance phase of the C&SF Project Restudy clearly demonstrated that this concept would be an integral part of the overall Restudy effort. The system benefits associated with this concept include: reduced impacts of over-drainage and development on the remaining Everglades, reduced levee seepage from the Everglades, increased ground water recharge, capture of stormwater discharged to tide, improved water quality, and enhanced wetland areas east of the conservation areas. This analysis will further develop the modifications and/or operational changes needed for improving the quality of the environment through ecosystem restoration.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total Study Costs | \$19,955,000 |
| | Project Development | \$19,955,000 |
| | Land Acquisition | |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1996 |
| Finish Date: | 2002 |

| | 1999 | 2000 | 2001 | 2002 |
|-------------------|------|------|------|------|
| Planning & Design | | | | |
| Real Estate | | | | |
| Construction | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | Total |
|--------------|---------------|--------------|-----------------|
| USACE | 9,277 | 500 | \$9,977 |
| SFWMD | 9,478 | 500 | \$9,978 |
| Total | 19,455 | 1,000 | \$19,955 |

*allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: John Keiser (904) 899-5035

DATA SHEET PROFILE

Project Name: C&SF: CERP - Broward County Secondary Canal System (CC)
Project ID: 1403
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Water control structures; pumps; canal improvements

Project Synopsis: This project includes a series of water control structures, pumps, and canal improvements located in the C-9, C-12 and C-13 Canal Basins and east basin of the North New River Canal in central and southern Broward County. The purpose of this project is to reduce water discharges by recharging local wellfields and stabilizing the saltwater interface. Excess water in the basins will be pumped into the coastal canal systems to maintain canal stages at optimum levels. When basin water is not sufficient to maintain canal stages, the canals will be maintained from other construction projects such as the (Site 1) Impoundment and the North Lake Belt Storage Area and then from Lake Okeechobee and the Water Conservation Areas.

| | | |
|--------------|-----------------------------------|--------------|
| Cost: | Total | \$12,898,000 |
| | Project Development | \$754,000 |
| | Land Acquisition (est 2,45 acres) | \$1,920,000 |
| | Implementation | \$10,224,000 |
| | Operations and maintenance | \$418,017 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2009 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000) *

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | Total |
|--------------|-----------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|-----------------|
| USACE | 11 | 114 | 303 | 303 | 302 | 1,580 | 1,278 | 1,278 | 1,280 | \$6,449 |
| SFWMD | 11 | 114 | 302 | 302 | 303 | 1,581 | 1,278 | 1,278 | 1,280 | \$6,449 |
| Total | 22 | 228 | 605 | 605 | 605 | 3,161 | 2,556 | 2,556 | 2,560 | \$12,898 |

*Budget info thru FY 2001 is allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jeffery D. Couch (904) 232- 1464

DATA SHEET PROFILE

Project Name: C&SF: CERP - C-111N Spreader Canal (WW)
Project ID: 1404
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): levees, canals, pumps, water control structures, and a STA

Project Synopsis: This feature includes levees, canals, pumps, water control structures, and a stormwater treatment area to be constructed, modified or removed in the Model Lands and Southern Glades (C-111 Basin) area of Miami-Dade County. This feature enhances the C-111 Project design for the C-111N Spreader Canal with the construction of a stormwater treatment area, the enlarging of pump station S-332E and the extension of the canal under U.S. Highway 1 and Card Sound Road into the Model Lands. The initial design of this feature pumps water from the C-111 and the C-111E Canals into a stormwater treatment area prior to discharging to Southern Everglades and Model Lands. This features also calls for filling in the southern reach of the C-111 Canal and removal of structures S-18C and S-197. The final size, depth, location and configuration of this feature will be determined through more detailed planning and design.

| | | |
|--------------|--------------------------------------|--------------|
| Cost: | Total | \$94,035,000 |
| | Project Development | \$3,317,000 |
| | Land Acquisition (est. 12,415 acres) | \$45,766,000 |
| | Implementation | \$44,952,000 |
| | Operations and maintenance | \$59,586 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2000 |
| Finish Date: | 2009 |

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | |
| Planning & Design | | | | | | | | | | |
| | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| | | | | | | | | | | |
| Construction | | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru* 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 Balance to complete | Total |
|--------------|---------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------------------------|-----------------|
| USACE | 290 | 644 | 3,075 | 3,542 | 3,542 | 9,157 | 8,922 | 8,922 | 8,924 | \$47,018 |
| SFWMD | 290 | 644 | 3,075 | 3,542 | 3,542 | 9,157 | 8,922 | 8,922 | 8,923 | \$47,018 |
| Total | 580 | 1,288 | 6,150 | 7,084 | 7,084 | 18,314 | 17,844 | 17,844 | 17,847 | \$94,035 |

*Budget Information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Charles D. Fales (904) 232-1017

DATA SHEET PROFILE

Project Name: C&SF: CERP – Dade-Broward Levee/ Pennsuco Wetlands (BB)
Project ID: 1405
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996, 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): water control structures; levee modifications

Project Synopsis: This feature includes water control structures and modifications to the Dade-Broward Levee and associated conveyance system located in Miami-Dade County. The final size and configuration of these facilities will be determined through more detailed planning and design to be completed as a part of the Water Preserve Areas Feasibility Study. The purpose of this feature is to reduce seepage losses to the east from the Pennsuco Wetlands and southern Water Conservation Area 3B, enhance hydroperiods in the Pennsuco Wetlands, and provide recharge to Miami-Dade County's Northwest Wellfield.

| | | |
|--------------|--------------------------------------|--------------|
| Cost: | Total | \$18,778,000 |
| | Project Development | \$693,000 |
| | Land Acquisition (est. 10,000 acres) | \$8,676,000 |
| | Implementation | \$9,409,000 |
| | Operations and maintenance | \$105,871 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2009 |

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | |
| Real Estate | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003 | 2004 | 2005 | Balance to complete | Total |
|--------------|------------|------------|--------------|--------------|--------------|---------------------|-----------------|
| USACE | 18 | 100 | 2,285 | 2,285 | 1,185 | 3,516 | \$9,389 |
| SFWMD | 18 | 100 | 2,285 | 2,285 | 1,185 | 3,516 | \$9,389 |
| Total | 36 | 200 | 4,570 | 4,570 | 2,370 | 7,032 | \$18,778 |

* allocated

Hyperlink: www.evergladesplan.org

Point of Contract: Carl Overstreet (904) 232-3515

DATA SHEET PROFILE

Project Name: Critical Projects – East Coast Canal Structures (C-4)
Project ID: 1406
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Water control structures

Project Synopsis: This project calls for the construction of a gated water control structure (S-380) on the C-4 canal in Dade County, Florida. This structure will be located immediately southeast of the Pennsuco Wetlands. The purpose of the structure is to maintain stages to create and preserve wetlands as well as aquifer recharge.

Cost: Total \$3,421,000
 Project Development
 Land Acquisition (est. 2 acres)
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1999
 Finish Date: 2002

| | 1999 | 2000 | 2001 | 2002 |
|-------------------|------|------|------|------|
| Planning & Design | | | | |
| Real Estate | | | | |
| Construction | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002 | Total |
|--------------|---------------|------------|----------------|
| USACE | 1,473 | 238 | \$1,711 |
| SFWMD | 1,472 | 238 | \$1,710 |
| Total | 2,945 | 476 | \$3,421 |

*allocated

Hyperlink: <http://www.saj.usace.army.mil/projects/proj1.htm>

Point of Contact: Luis Rene Perez (904) 899-5035

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Istokpoga Regulation Schedule (OPE)
Project ID: 1407
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996, 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Balance fish and wildlife benefits with long term management

Project Synopsis: This feature includes development of a plan to address water resource problems in the Lake Istokpoga Basin. Lake Istokpoga is a natural lake located in Highlands County, a tributary of Lake Okeechobee and the Kissimmee River. The major focus of this plan is to create a balance between the environmental needs, water supply and flood control in the Lake Istokpoga drainage basin, to examine Lake Istokpoga Basin with a view towards enhancing fish and wildlife benefits, and to develop a long-term comprehensive management plan.

| | | |
|--------------|-----------------------------------|----------|
| Cost: | Total | \$50,000 |
| | Project Development | \$50,000 |
| | Land Acquisition (est. 320 acres) | \$0 |
| | Implementation | \$0 |
| | Operations and maintenance | \$0 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2003 |

| | 2002 | 2003 |
|-------------------|------|------|
| | | |
| Planning & Design | | |
| | | |
| Real Estate N/A | | |
| | | |
| Construction N/A | | |

Detailed Project Budget Information (\$1000)

| | thru* 2001 | 2002 | 2003 | Total |
|--------------|---------------|----------|----------|-------------|
| USACE | 44 | 0 | 0 | \$44 |
| SFWMD | | 0 | 0 | |
| Total | 44 | 0 | 0 | \$50 |

*Programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Carl Dunn (904) 232- 3471

DATA SHEET PROFILE

Project Name: C&SF: CERP - Loxahatchee National Wildlife Refuge Internal Canal Structures (KK)
Project ID: 1408
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996, 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Water control structure

Project Synopsis: This feature includes two water control structures in the northern ends of the perimeter canals encircling the Loxahatchee National Wildlife Refuge (Water Conservation Area 1) located in Palm Beach County. The purpose of this feature is to improve the timing and location of water depths within the Refuge. It is assumed that these structures will remain closed except to pass Stormwater Treatment Area 1 East and Stormwater Treatment Area 1 West outflows and water supply deliveries to the coastal canals.

| | | |
|--------------|---------------------------------|-------------|
| Cost: | Total | \$7,669,000 |
| | Project Development | \$503,000 |
| | Land Acquisition (est. 5 acres) | \$345,000 |
| | Implementation | \$6,821,000 |
| | Operations and maintenance | \$42,045 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2003 |
| Finish Date: | 2007 |

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|
| | | | | | |
| Planning & Design | | | | | |
| | | | | | |
| Real Estate | | | | | |
| | | | | | |
| Construction | | | | | |

Detailed Project Budget Information (\$1000)

| | thru 2001* | 2003 | 2004 | 2005 | 2006 | 2007 | Total |
|--------------|---------------|------------|------------|------------|--------------|--------------|----------------|
| USACE | 7 | 63 | 149 | 149 | 1,769 | 1,705 | \$3,835 |
| SFWMD | 7 | 63 | 149 | 149 | 1,768 | 1,705 | \$3,835 |
| Total | 14 | 126 | 298 | 298 | 3,537 | 3,410 | \$7,669 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: (904) 232-3846

DATA SHEET PROFILE

Project Name: C&SF: CERP – Seminole Tribe Big Cypress Water Conservation Plan (East) (OPE)
Project ID: 1409
Lead Agency: U.S. Army Corps of Engineers / Seminole Tribe
Authority: Water Resources Development Act 2004 (scheduled)

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Construction of conveyance systems, major canal bypass structures, irrigation storage cells, and water resource areas

| | | |
|--------------|-------------------------------------|--------------|
| Cost: | Total | \$75,288,000 |
| | Project Development | \$4,778,000 |
| | Land Acquisition (est. 3,800 acres) | \$5,735,000 |
| | Implementation | \$64,775,000 |
| | Operations and maintenance | \$775,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2008 |

Project Synopsis: This feature includes construction of water control, management and treatment facilities in the Big Cypress Reservation. The construction elements include conveyance systems, major canal bypass structures, irrigation storage cells, and water resource areas. The purpose of this feature is to improve the quality of water and runoff from phosphorous generating agricultural sources within the Reservation. The area is traversed by the L-28 and L-28I Borrow Canals and the North and West Feeder Canals, all of which were constructed as part of the CS&F Project. This comprehensive watershed management system is designed to achieve environmental restoration on the Reservation, the Big Cypress Preserve, and the Everglades Protection Area. In addition, the project will reduce flood damage and promote water conservation. This is the second component of the overall plan with the first component being completed under the Critical Projects Program.

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Planning & Design | | | | | | | | |
| | | | | | | | | |
| Real Estate | | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Balance to complete | Total |
|--------------|------------|--------------|--------------|------------|---------------|---------------|---------------|----------|---------------------|-----------------|
| USACE | 471 | 1,912 | 1,912 | 478 | 11,274 | 10,796 | 10,796 | 0 | 7 | \$37,644 |
| TRIBE | 471 | 1,912 | 1,912 | 478 | 11,274 | 10,796 | 10,796 | 0 | 7 | \$37,644 |
| Total | 942 | 3,823 | 3,823 | 956 | 22,547 | 21,592 | 21,592 | 0 | 14 | \$75,288 |

*Budget information for FY 2001 includes actual costs.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Frank Grant (904) 232-2186

DATA SHEET PROFILE

Project Name: C&SF: CERP - Biscayne Bay Coastal Wetlands (FFF)(OPE)
Project ID: 1410
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): pump stations, spreader swales, stormwater treatment areas, flowways, levees, culverts, and backfilling canals

Project Synopsis: The feature includes pump stations, spreader swales, stormwater treatment areas, flowways, levees, culverts, and backfilling canals located in southeast Miami-Dade County and covers 13,600 acres from the Deering Estate at C-100C, south to the Florida Power and Light Turkey Point power plant, generally along L-31E.

| | | |
|--------------|-------------------------------------|---------------|
| Cost: | Total | \$299,583,000 |
| | Project Development | \$6,452,000 |
| | Land Acquisition (est 13,950 acres) | \$205,655,000 |
| | Implementation | \$87,476,000 |
| | Operations and maintenance | \$923,300 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2015 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 12 | 13 | 14 | 15 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|
| Planning & Design | | | | | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000) *

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2015 Balance to Complete | Total |
|--------------|------------|------------|--------------|---------------|---------------|---------------|---------------|---------------|-------------------------------|------------------|
| USACE | 275 | 309 | 881 | 11,718 | 11,718 | 11,718 | 11,718 | 11,718 | 89,736 | \$149,792 |
| SFWMD | 275 | 309 | 881 | 11,718 | 11,718 | 11,718 | 11,718 | 11,718 | 89,737 | \$149,792 |
| Total | 550 | 618 | 1,762 | 23,436 | 23,436 | 23,436 | 23,436 | 23,436 | 179,473 | \$299,583 |

*Budget info thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jill Tefts (904) 23203508

DATA SHEET PROFILE

Project Name: C&SF: CERP - Caloosahatchee R. (C-43) Basin Aquifer Storage & Recovery – Pilot Project (D)
Project ID: 1411
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report

Project Synopsis: The Caloosahatchee River Basin ASR Pilot Project consists of the assessment of the hydrogeological characteristics of the Hawthorn and Floridan aquifers and water quality in the vicinity of the C-43 Basin Storage Reservoir. Suitable sites and optimal configurations of wells will be determined during this project. The quality of the source water to be recharged also will be assessed as part of this project.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$6,000,000 |
| | Project Development | \$500,000 |
| | Land Acquisition (0 acres) | \$0 |
| | Implementation | \$5,000,000 |
| | Monitoring | \$500,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2008 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------------|------|------|------|------|------|------|------|------|
| Feasibility& Design | | | | | | | | |
| Construction | | | | | | | | |
| Monitoring | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|--------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|----------------|
| USACE | 125 | 50 | 50 | 890 | 800 | 875 | 80 | 130 | \$3,000 |
| SFWMD | 125 | 50 | 50 | 890 | 800 | 875 | 80 | 130 | \$3,000 |
| Total | 250 | 100 | 100 | 1780 | 1600 | 1750 | 160 | 260 | \$6,000 |

*Budget information thru FY 2001 is allocated.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Glenn Landers (904) 232-2125

DATA SHEET PROFILE

Project Name: C&SF: CERP - Diverting WCA-2 and WCA-3 flows to Central Lake Belt Storage Area (YY)(ZZ)
Project ID: 1412
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: WRDA 2012 (scheduled)

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): pumps; water control structures; canals, and canal improvements

Project Synopsis: This feature includes pumps, water control structures, canals, and conveyance improvements located adjacent to Water Conservation Areas 2 and 3 in Broward County. The final size and configuration of these facilities will be determined through more detailed planning and design to be completed as a part of the Water Preserve Areas Feasibility Study. The purpose of this project is to attenuate high stages in Water Conservation Areas 2 and 3 and transport this excess water to Central Lake Belt Storage Area where it will be stored to meet downstream demands in Shark River Slough, Water Conservation Area 3B, or Biscayne Bay.

| | | |
|--------------|----------------------------------|--------------|
| Cost: | Total | \$76,921,000 |
| | Project Development | \$1,822,000 |
| | Land Acquisition (est 664 acres) | \$16,798,000 |
| | Implementation | \$61,778,000 |
| | Operations and maintenance | \$146,635 |
| | RE Adjustment | -\$3,477,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2009 |
| Finish Date: | 2018 |

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | |
| Planning & Design | | | | | | | | | | |
| | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| | | | | | | | | | | |
| Construction | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015-2018 Balance to complete | Total |
|--------------|------------|------------|------------|------------|--------------|--------------|--------------|-------------------------------|-----------------|
| USACE | 75 | 130 | 130 | 130 | 1,795 | 1,795 | 1,795 | 32,611 | \$38,461 |
| SFWMD | 75 | 130 | 130 | 130 | 1,795 | 1,795 | 1,795 | 32,610 | \$38,461 |
| Total | 150 | 260 | 260 | 260 | 3,590 | 3,590 | 3,590 | 65,221 | \$76,921 |

*programmatic cost

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jill Tefts (904) 232-3508

DATA SHEET PROFILE

Project Name: C&SF: CERP - Everglades Rain-Driven Operations (H)
Project ID: 1413
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Revised Water Conservation Area regulation schedule

Project Synopsis: Modifications to the regulation schedules for Water Conservation Areas 2A, 2B, 3A, 3B and the current Rainfall Delivery Formula for Everglades National Park will be made to implement rain-driven operations for all of these areas. These new operational rules are intended to improve timing and location of water depths in the Water Conservation Areas and Everglades National Park and to restore more natural hydropatterns. A plan for this will be developed following completion of the initial CERP update.

Cost: Total TBD
Project Development
Land Acquisition
Implementation
Operation and maintenance

Project Schedule:

Implement when appropriate as other facilities come on-line.

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------|------|------|------|------|------|------|
| Planning & Design | | | | | | |
| Real Estate | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|-------|
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | | | | | | | | |

Hyperlink: www.evergladesplan.org

Point of Contact: Kim Taplin - 561-683-1577 ext 13

DATA SHEET PROFILE

Project Name: C&SF: CERP - Henderson Creek/Belle Meade Restoration (OPE)
Project ID: 1414
Lead Agency: U.S. Army Corps of Engineers / Florida Department of Environmental Protection
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.4 **Secondary:** 1.B.1

Measurable Output(s): 10-acre stormwater lake/marsh filtering system; four culverts; a swale and spreader system, and the removal of the Road-to-Nowhere

Project Synopsis: This feature combines multiple individual elements to complement each other to form a larger-scale combined effect. This feature includes a 10-acre stormwater lake/marsh filtering system; four culverts under State Road 951; hydrologic restoration around Manatee Basin including culverts, ditching, removal of some roadbed; invasive, exotic plant removal; a public access point and interpretive boardwalk; construction of a swale and spreader system; and removal of the Road-to-Nowhere. This southwest Florida feature is located in Collier County. The area known locally as Belle Meade is the primary drainage basin for the Henderson Creek Estuary, which drains into Rookery Bay.

| | | |
|--------------|-------------------------------------|-------------|
| Cost: | Total | \$4,806,000 |
| | Project Development | \$260,000 |
| | Land Acquisition (est 12,415 acres) | \$1,029,000 |
| | Implementation | \$3,517,000 |
| | Operations and maintenance | \$41,000 |

Project Schedule:

Start Date: 2000
Finish Date: 2005

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003 | 2004 | 2005 | Total |
|--------------|---------------|------------|--------------|--------------|--------------|----------------|
| USACE | 21 | 102 | 916 | 712 | 652 | \$2,403 |
| FDEP | 21 | 102 | 916 | 712 | 652 | \$2,403 |
| Total | 42 | 204 | 1,832 | 1,424 | 1,304 | \$4,806 |

*allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Maj. John Chaput (904) 232- 3952

DATA SHEET PROFILE

Project Name: C&SF: CERP - L-31N Improvements for Seepage Management and S-356 Structures (V)(FF)
Project ID: 1415
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Relocation and enhancement of L-31N, groundwater wells, and sheetflow delivery system

Project Synopsis: This feature includes relocating and enhancing L-31N, groundwater wells, and sheetflow delivery system adjacent to Everglades National Park located in Miami-Dade County. More detailed planning, design and pilot studies will be conducted to determine the appropriate technology to control seepage from Everglades National Park. These studies and tests will also determine the appropriate amount of wet season groundwater flow control that will minimize potential impacts to Miami-Dade County's West Wellfield and freshwater flows to Biscayne Bay.

| | | |
|--------------|------------------------------------|---------------|
| Cost: | Total | \$184,845,000 |
| | Project Development | \$6,777,000 |
| | Land Acquisition (est 3,947 acres) | \$94,704,000 |
| | Implementation | \$83,364,000 |
| | Operations and maintenance | \$4,647,234 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2006 |
| Finish Date: | 2013 |

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Planning & Design | | | | | | | | |
| | | | | | | | | |
| Real Estate | | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | thru* 2001 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------|---------------|------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| USACE | 161 | 404 | 564 | 12,402 | 12,403 | 12,402 | 26,297 | 13,894 | 13,894 | \$92,423 |
| SFWMD | 161 | 403 | 565 | 12,403 | 12,402 | 12,403 | 26,296 | 13,894 | 13,894 | \$92,423 |
| Total | 322 | 807 | 1,129 | 24,805 | 24,805 | 24,805 | 52,593 | 27,788 | 27,788 | \$184,845 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Matt Gapinski (904) 232- 1365

DATA SHEET PROFILE

Project Name: C&SF: CERP - L-31N Seepage Management – Pilot Project (V)
Project ID: 1416
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report and Technology determination

Project Synopsis: The purpose of this feature is to reduce levee seepage flow across L-31N adjacent to Everglades National Park via a levee cutoff wall. Additionally, the feature was designed to reduce groundwater flows during the wet season by capturing groundwater flows with a series of groundwater wells adjacent to L-31N, then back pumping those flows to Everglades National Park. The pilot project is necessary to determine the appropriate technology to control seepage from Everglades National Park. The pilot project will also provide necessary information to determine the appropriate amount of wet season groundwater flow to return that will minimize potential impacts to Miami-Dade County's West Wellfield and freshwater flows to Biscayne Bay.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$10,000,000 |
| | Project Development | \$500,000 |
| | Land Acquisition (0 acres) | \$0 |
| | Implementation | \$9,000,000 |
| | Monitoring | \$500,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2006 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---------------------|------|------|------|------|------|------|
| Feasibility& Design | | | | | | |
| Construction | | | | | | |
| Monitoring | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | Total |
|--------------|--------------|-------------|------------|-------------|------------|------------|-----------------|
| USACE | 200 | 615 | 85 | 4000 | 50 | 50 | \$5,000 |
| SFWMD | 200 | 615 | 85 | 4000 | 50 | 50 | \$5,000 |
| Total | 400 | 1230 | 170 | 8000 | 100 | 100 | \$10,000 |

*Budget Information thru FY 2001 and for 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Matt Gapinski (904) 232- 1365

DATA SHEET PROFILE

Project Name: C&SF: CERP – Lakebelt (In-Ground Reservoir) Technology – Pilot Project
Project ID: 1417
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report and Test Site

Project Synopsis: Several features recommend the use of areas where lime rock mining will have occurred. The initial design of these reservoirs includes subterranean seepage barriers around their perimeter in order to enable drawdown during dry periods, prevent seepage losses, and prevent water quality impacts due to transmissivity of the aquifer in these areas. The pilot project is required to determine construction technologies, storage efficiencies, impacts on local hydrology, and water quality effects. Water quality assessments will include a determination as to whether the in-ground reservoirs and seepage barriers will allow for storage of untreated waters without concerns of groundwater contamination.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$23,000,000 |
| | Project Development | \$2,000,000 |
| | Land Acquisition (0 acres) | \$0 |
| | Implementation | \$20,000,000 |
| | Operations and maintenance | \$1,000,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2011 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Feasibility& Design | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | |
| Monitoring | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2011 Balance to complete | Total |
|--------------|------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------------------------|-----------------|
| USACE | 176 | 1040 | 142 | 150 | 1750 | 1911 | 2000 | 2000 | 2330 | \$11,500 |
| SFWMD | 176 | 1040 | 143 | 150 | 1750 | 1912 | 2000 | 2000 | 2330 | \$11,500 |
| Total | 352 | 2080 | 285 | 300 | 3500 | 3823 | 4000 | 4000 | 4660 | \$23,000 |

*Budget information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jill Tefts (904) 232-3508

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Okeechobee Aquifer Storage and Recovery – Pilot Project (GG)
Project ID: 1418
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1999

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report

Project Synopsis: The pilot project is necessary to identify the most suitable sites for the aquifer storage and recovery wells in the vicinity of Lake Okeechobee and to identify the optimum configuration of those wells. Additionally the pilot project will determine the specific water quality characteristics of waters to be injected, the specific water quality characteristics and amount of water recovered from the aquifer, and the water quality characteristics of the receiving aquifer. Further information from the pilot project will provide the hydrogeological and geotechnical characteristics of the upper Floridan Aquifer System within the region and the ability of the upper Floridan Aquifer System to maintain injected water for future recover.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$19,000,000 |
| | Project Development | \$1,000,000 |
| | Land Acquisition | |
| | Implementation | \$14,000,000 |
| | Operations and maintenance | \$4,000,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2009 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | |
| Feasibility & Design | | | | | | | | | | | |
| | | | | | | | | | | | |
| Construction | | | | | | | | | | | |
| | | | | | | | | | | | |
| Monitoring | | | | | | | | | | | |

Detailed Project Budget Information (\$1,000)*

| | Thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | Total |
|--------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------------|
| USACE | 328 | 1491 | 1550 | 1500 | 1500 | 2036 | 500 | 525 | 70 | \$9,500 |
| SFWMD | 328 | 1491 | 1550 | 1500 | 1500 | 2036 | 500 | 525 | 70 | \$9,500 |
| Total | 656 | 2982 | 3100 | 3000 | 3000 | 4072 | 1000 | 1050 | 140 | \$19,000 |

*Budget information through FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Glenn Landers (904) 232-2125

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Okeechobee Regulation Schedule (F)
Project ID: 1419
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): New Lake Okeechobee regulation schedule

Project Synopsis: The Lake Okeechobee Regulation Schedule will be modified in order to take advantage of the additional storage facilities identified in the construction features. Two additional zones will be added to the schedule. The first zone will trigger discharges to the north of Lake Okeechobee reservoir and the Everglades Agricultural Area reservoir. The second higher zone will trigger the Lake Okeechobee aquifer storage and recovery facilities to begin injecting water from the Lake. Climate based forecasting will be used to guide management decisions regarding releases to the storage facilities.

Cost: Total TBD
Project Development
Land Acquisition
Implementation
Operation and Maintenance

Project Schedule:

Implement when appropriate as other facilities come on-line.

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|-------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | |

Hyperlink: www.evergladesplan.org

Point of Contact: Carl Dunn - 904-232-3471

DATA SHEET PROFILE

Project Name: C&SF: CERP - Modified Holey Land Wildlife Management Area Operation Plan (DD)
Project ID: 1420
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Modified Operational Plan for the Holey Land

Project Synopsis: Modification to the current operating plan for Holey Land Wildlife Management Area will be made to implement rain-driven operations for this area. Water deliveries are made to Holey Land from the Rotenberger Wildlife Management Area or from Stormwater Treatment Area 3/4 if Rotenberger flows are insufficient. The deliveries are assumed to be of acceptable water quality. These new operational rules are intended to improve the timing and location of water depths within the Holey Land Wildlife Management Area.

Cost:
Total: \$150,000
Project Development: \$150,000
Land Acquisition:
Implementation:
Operations and maintenance:

Project Schedule:

Start Date: 2003
Finish Date: 2008

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| USACE | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | \$75 |
| SFWMD | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | \$75 |
| Total | 25 | 25 | 25 | 25 | 25 | 25 | \$150 |

Hyperlink: www.evergladesplan.org

Point of Contact : Bradley E. Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: C&SF: CERP - Modified Rotenberger Wildlife Management Area Operation Plan (EE)
Project ID: 1421
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Modified Operational Plan for the Rotenberger Land

Project Synopsis: Modification to the current operating plan for the Rotenberger Wildlife Management Area will be made to implement rain-driven operations for this area. Water deliveries are made to the Rotenberger Area from Stormwater Treatment Area 5. The deliveries are assumed to be of acceptable water quality. These new operational rules are intended to improve the timing and location of water depths within the Rotenberger Wildlife Management Area.

Cost:
Total: \$150,000
Project Development: \$150,000
Land Acquisition:
Implementation:
Operations and maintenance:

Project Schedule:

Start Date: 2003
Finish Date: 2006

| | 2003 | 2004 | 2005 | 2006 |
|-------------------|------|------|------|------|
| | | | | |
| Planning & Design | | | | |
| | | | | |
| Real Estate | | | | |
| | | | | |
| Construction | | | | |

Detailed Project Budget Information (thousands of dollars)

| | 2003 | 2004 | 2005 | 2006 | Total |
|--------------|--------------|--------------|--------------|--------------|--------------|
| USACE | 18.75 | 18.75 | 18.75 | 18.75 | \$75 |
| SFWMD | 18.75 | 18.75 | 18.75 | 18.75 | \$75 |
| Total | 37.50 | 37.50 | 37.50 | 37.50 | \$150 |

Hyperlink: <http://www.evergladesplan.org/>

Point of Contact : Bradley E. Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: C&SF: CERP - Operational Modification to Southern Portion of L-31N and C-111 (OO)
Project ID: 1422
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Modified operations of C-111 Project

Cost: Total \$0

Project Schedule:
Implement as part of C-111 Project.

Project Synopsis: Modifications to the operations of the C-111 Project, currently under construction, will be made to the southern portion of L-31N Borrow Canal and C-111. These operational modifications will be made to improve deliveries to Everglades National Park and decrease flood risk of adjacent agricultural areas in the Lower East Coast Service Area. The first part of the operational changes are being implemented under the Combined Structural and Operational Plan (CSOP) analysis. The balance of change will be implemented in coordination with CERP implementation.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Kim Taplin - 561-683-1577 ext 13

DATA SHEET PROFILE

Project Name: C&SF: CERP - Site 1 Impoundment and Aquifer Storage and Recovery – Pilot Project (M)
Project ID: 1423
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: WRDA 1999

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report and optimum design

Project Synopsis: The pilot project will address uncertainties associated with ASR technology that are proposed in the CERP. It will be designed to determine the feasibility and evaluate technical and regulatory uncertainties, as well as optimum design, of a facility prior to embarking upon full scale implementation of the ASR facilities at the Western Hillsboro site, and other sites in the lower east coast region. The formulation of alternative pilot project designs is intended to address cost effective means to address these uncertainties.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$9,000,000 |
| | Project Development | \$900,000 |
| | Land Acquisition (0 acres) | \$0 |
| | Implementation | \$7,000,000 |
| | Monitoring | \$1,100,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2009 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|
| Feasibility& Design | | | | | | | | | | | |
| Construction | | | | | | | | | | | |
| Monitoring | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | Total |
|--------------|--------------|--------------|------------|--------------|--------------|--------------|------------|------------|------------|----------------|
| USACE | 185 | 912 | 56.5 | 1,000 | 1,000 | 1,050 | 183 | 56.5 | 57 | \$4,500 |
| SFWMD | 185 | 912 | 56.5 | 1,000 | 1,000 | 1,050 | 183 | 56.5 | 57 | \$4,500 |
| Total | 370 | 1,824 | 113 | 2,000 | 2,000 | 2,100 | 366 | 113 | 114 | \$9,000 |

*Budget information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jeffery Couch (904) 232-1464

DATA SHEET PROFILE

Project Name: C&SF: CERP - Southern Golden Gate Estates Restoration (OPE)
Project ID: 1424
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): spreader channels, canal plugs, road removal and pump stations

Project Synopsis: This project includes a combination of spreader channels, canal plugs, road removal and pump stations in the Western Basin and Big Cypress, Collier County, south of I-75 and north of U.S. 41 between the Belle Meade Area and the Fakahatchee Strand State Preserve. The purpose of this project is to restore and enhance the wetlands in Golden Gate Estates and in adjacent public lands by reducing over-drainage. Implementation of the restoration plan would also improve the water quality of coastal estuaries by moderating the large salinity fluctuations caused by freshwater point discharge of the Fakahatchee Union Canal. The project would also aid in protecting the City of Naples' eastern Golden Gate wellfield by improving groundwater recharge.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$45,654,000 |
| | Project Development | \$1,068,000 |
| | Land Acquisition | \$30,104,000 |
| | Implementation | \$14,482,000 |
| | Operations and maintenance | \$93,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2006 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Planning & Design | | | | | | | | |
| | | | | | | | | |
| Real Estate | | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | Total |
|--------------|--------------|--------------|---------------|--------------|--------------|--------------|-----------------|
| USACE | 645 | 1,988 | 14,161 | 2,520 | 2,413 | 1,099 | \$22,827 |
| SFWMD | 645 | 1,988 | 14,162 | 2,520 | 2,414 | 1,099 | \$22,827 |
| Total | 1,290 | 3,976 | 28,323 | 5,040 | 4,827 | 2,198 | \$45,654 |

*Budget information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Maj. John Chaput (904) 232- 3952

DATA SHEET PROFILE

Project Name: Critical Projects- Seminole Big Cypress Reservation Water Conservation Plan
Project ID: 1425
Lead Agency: U.S. Army Corps of Engineers /Seminole Tribe of Florida
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Project Synopsis: The planned network of surface water management structures is designed to accomplish the following four objectives to get the water right through quantity, quality, timing and distribution necessary for restoration.

- (1) **Measurable Output(s):** Remove phosphorus and other pollutants from water leaving the Reservation. The removal of these pollutants will be achieved using natural treatment processes, in pretreatment cells and water resource areas (WRA's). Unlike the stormwater treatment areas in the Everglades Construction Project, the Tribe's WRA's will take advantage of the natural treatment processes and will serve additional functions in the storage and conveyance of water.
- (2) Convey and store irrigation water. To make use of water provided by the District (to replace the Tribe's diverted Compact water rights), the Tribe needs to be able to take this water, when it is available, to move it and to store it. This will be accomplished through water conveyance improvements and irrigation storage cells.
- (3) Provide improved flood control. Stormwater must be controlled on the Reservation to prevent extended periods of flooding and limit impacts downstream. This will be accomplished by means of stormwater attenuation areas which will detain water from large storm events.
- (4) Rewater Big Cypress National Preserve. The Seminole Water Conservation Project will provide the opportunity to restore more natural hydroperiods in the Big Cypress National Preserve. Bypass structures will be placed under the West Feeder Canal that will sheetflow clean water south along the length of the Feeder Canal into the Big Cypress Addition.

This project includes design and construction of water control, management, and treatment facilities for all seven basins of the Big Cypress Reservation. Basins 1-4 of the Water Conservation Project have been approved as a Critical Project under the procedures outlined by the USACE. This subset of the Water Conservation Project can be constructed and will function independently of the infrastructure required in Basins 5, 6, and 7 in the eastern portion of the Big Cypress Reservation.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$57,558,938 |
| | Project Development | |
| | Land Acquisition | \$3,743,000 |
| | Implementation | |
| | Operations and maintenance | \$555,778 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1997 |
| Finish Date: | 2008 |

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Design | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | |

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

| | 2002 | 2003 | 2004 | 2005 | 2006 | Balance to complete | Total |
|--------------|------------------|------------------|-------------------|-------------------|------------------|---------------------|-------------------|
| USACE | 3,299,411 | 4,749,375.5 | 6,759,513.5 | 6,756,054.5 | 4,494,011.5 | | 26,058,366 |
| Tribe | 3,299,411 | 4,749,375.5 | 6,759,513.5 | 6,756,054.5 | 4,494,011.5 | | 26,058,366 |
| Total | 6,598,822 | 9,498,751 | 13,519,027 | 13,512,109 | 8,988,023 | | 52,116,732 |

Point of Contact: Frank Grant (904) 232-2186

DATA SHEET PROFILE

Project Name: Florida Bay and the Florida Keys Feasibility Study
Project ID: 1426
Lead Agency: U.S. Army Corps of Engineers
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Feasibility Report

Project Synopsis: Construction of Flagler's railroad to Key West and subsequent conversion into U.S. Highway 1 (US-1) involved the placement of fill material in wetlands and open water for the numerous causeways between the keys. These causeways altered tidal flows between Florida Bay and the Atlantic Ocean, resulting in adverse water quality and fish and wildlife habitat impacts. One of the House of Representatives Committee on Public Works and Transportation resolutions of September 24, 1992 requested the Corps of Engineers conduct a study of Florida Bay, including a comprehensive, coordinated ecosystem study with hydrodynamic modeling of Florida Bay and its connections to the Everglades, the Gulf of Mexico, and the Florida Keys Coral Reef ecosystem. Hydrodynamic and water quality models currently under development for Florida Bay will provide the tools necessary for evaluation of the problem in a holistic manner. A feasibility study is recommended to comprehensively evaluate Florida Bay and to determine the types of modifications that are needed to successfully restore water quality and ecological conditions of the Bay.

Cost: Total \$4,569,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2000
 Finish Date: 2005

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------|------|------|------|------|------|------|
| PMP/FCSA | | | | | | |
| | | | | | | |
| Feasibility Study | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | Total |
|--------------|---------------|--------------|--------------|------------|------------|----------------|
| Federal | 215 | 1,024 | 709 | 168 | 168 | \$2,284 |
| State | 215 | 1,024 | 709 | 168 | 168 | \$2,284 |
| Total | 430 | 2,048 | 1,418 | 336 | 336 | \$4,569 |

* allocated

* budgeted

Hyperlink: www.evergladesplan.org

Point of Contact: Cheryl Ulrich (904) 232-1700

DATA SHEET PROFILE

Project Name: Herbert Hoover Dike Stabilization
Project ID: 1427
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Major Rehabilitation Report, stabilization of the dike

Project Synopsis: The purpose of the project is to protect the structural integrity of the Herbert Hoover Dike during extreme high water conditions. Construction of the Herbert Hoover Dike around Lake Okeechobee was initiated in the early 1930's and the last features were completed in the 1970's. The levee was constructed and improved through an incremental process during this period. Based on the best available existing data, it appears that the levee does not meet current safety factors for extreme flood conditions. Geotechnical data are being collected and evaluated to determine the extent of the problem and to develop recommendations for corrective actions. The results have been documented in a Major Rehabilitation Report (MRR); a value engineering study will be done on the MRR and the Corps will do a pilot project on slurry wall construction.

This project will contribute to the restoration of Lake Okeechobee and more natural water flows to the estuaries and the Everglades by avoiding operational constraints that would reduce the ability to meet restoration goals. If the Herbert Hoover Dike is not stable under high water conditions, it may be necessary to modify the operation of the project to minimize the probability of experiencing high water conditions. Such operations could dictate when and how much water is released from the lake. As a result, operational flexibility would be lost and restoration opportunities would be reduced.

Cost:

| | |
|---------------------------|---------------|
| Total | \$234,400,000 |
| Project Development | |
| Land Acquisition | |
| Implementation | |
| Operation and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2008 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | |
| Real Estate | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | 2006-2008 Balance to complete | Total |
|--------------|--------------|--------------|--------------|---------------|---------------|-------------------------------|------------------|
| USACE | 1,340 | 1,350 | 2,200 | 42,634 | 44,544 | 135,532 | \$227,600 |
| SFWMD | 1,340 | 1,350 | 2,200 | 1,910 | 0 | 0 | \$6,800 |
| Total | 2,680 | 2,700 | 4,400 | 44,544 | 44,544 | 135,532 | \$234,400 |

*allocated

**budget

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Carl Dunn (904) 232-3471

DATA SHEET PROFILE

Project name: C&SF: Indian River Lagoon Feasibility Study
Project ID: 1428
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Reports

Project Synopsis: The purpose of the study is to investigate making structural and operational modifications to the C&SF Project to improve the quality of the environment, improve protection of the aquifer, improve the integrity, capability, and conservation of urban and agricultural water supplies and other water related purposes. The product of this study will be a regional plan for addressing the water resource problems and opportunities of the St. Lucie River and Estuary and Indian River Lagoon watersheds in Martin and St. Lucie counties.

Cost:

| | |
|----------------------------|-------------|
| Total | \$6,150,000 |
| Project Development | \$6,150,000 |
| Land Acquisition | |
| Implementation | |
| Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1996 |
| Finish Date: | 2002 |

| | 1999 | 2000 | 2001 | 2002 |
|-------------------|------|------|------|------|
| Planning & Design | | | | |
| Real Estate | | | | |
| Construction | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | Total |
|--------------|---------------|------------|----------------|
| USACE | 2,818 | 257 | \$3,075 |
| SFWMD | 2,818 | 257 | \$3,075 |
| Total | 5,636 | 514 | \$6,150 |

*allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Steve Robinson (904) 232-2585

DATA SHEET PROFILE

Project Name: Northern L-8 Basin Improvements
(Removed from ECP and now included in the L-8 GRR)
Project ID: 1429
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Improve the volume, timing and distribution of water entering the Everglades.

Project Synopsis: The L-8 Basin Improvements are intended to redirect runoff from the northern part of the L-8 Basin to Lake Okeechobee. The project will include the following components: the construction of a divide structure (S-316) in the L-8 Borrow Canal, the renovation of existing Structure S-76 and the construction of a pumping station at Lake Okeechobee (near existing Culvert #10A).

*** Cost (Estimate):**

| | |
|-----------------------------|----------|
| Total: | \$25,277 |
| (1) Project Development: | \$25,277 |
| Land Acquisition: | \$0 |
| (2) Implementation: | \$0 |
| Operations and Maintenance: | \$0 |

Project Schedule:

Expected Completion Date:

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|-------------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994 -00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Balance to complete | Total |
|--------------|-----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|-----------------|
| Federal | | | | | | | |
| State | \$25,277 | - | - | - | - | - | \$25,277 |
| Tribal | | | | | | | |
| Local | | | | | | | |
| Other | | | | | | | |
| Total | \$25,277 | - | - | - | - | - | \$25,277 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (3) Project Development includes Design Phase [contracts & staff costs] costs.
- (4) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: Rotenberger Restoration
Project ID: 1430
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Extent of hydropattern restored (Target: 29,000 acres).

Project Synopsis: The Rotenberger Restoration project is intended to restore hydropattern on the Rotenberger Wildlife Management Area, a total of over 29,000 acres. An inflow pump station and distribution canal are planned as part of the restoration effort to be located near the southeast corner of STA-5. Also planned are four outfall culverts, which will be placed in the east levee of the Rotenberger Wildlife Management Area to route water to the Miami Canal.

*** Cost (Estimate):**
 Total: \$5,031,101
 (1) Project Development: \$307,283
 Land Acquisition: \$0
 (2) Implementation: \$2,930,962
 Operations and Maintenance: \$1,792,856

Project Schedule:

Expected Completion Date: October 2000

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|-------------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994-00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|--------------------|
| Federal | | | | | | | | |
| State | \$2,919,486 | \$384,849 | \$82,766 | \$112,000 | \$116,000 | \$120,000 | \$1,296,000 | \$5,031,101 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$2,919,486 | \$384,849 | \$82,766 | \$112,000 | \$116,000 | \$120,000 | \$1,296,000 | \$5,031,101 |

*Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.

- (5) Project Development includes Design Phase [contracts & staff costs] costs.
- (6) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: Southwest Florida Feasibility Study
Project ID: 1431
Lead Agency: U.S. Army Corps of Engineers
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Feasibility Report

Project Synopsis: The Caloosahatchee River is the only portion of the C&SF Project that lies in southwest Florida. The river serves as an outlet from Lake Okeechobee to the Gulf of Mexico and is the major source of surface water supply to the Lower West Coast region. It provides agricultural and lawn irrigation, public water supplies and is used to recharge shallow wellfields. The river also provides drainage for private drainage systems and local drainage districts.

The facilities included in the Comprehensive Plan for the Caloosahatchee River Basin will help meet the needs of the basin. However, there are additional water resources problems and opportunities in southwest Florida that require studies that are beyond the scope of the Comprehensive Plan. For example, primary water quality and hydrologic data do not exist for much of the region. This lack of monitoring and assessment data information is a fundamental gap for this region of the state and greatly hinders its long-term water resources management opportunities.

The Southwest Feasibility Study will include Collier, Lee, Charlotte, Glades and Hendry Counties; and provide a framework to address the health of aquatic ecosystems; water flows; water quality (including appropriate pollution reduction targets), water supply; flood protection, wildlife, and biological diversity and natural habitat. The study will also investigate non-structural alternatives.

Cost: Total \$12,000,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1999
 Finish Date: 2005

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | |
| Real Estate | | | | | | | |
| Construction | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | Total |
|--------------|---------------|--------------|--------------|--------------|--------------|-----------------|
| USACE | 544 | 1,318 | 1,317 | 1,411 | 1,410 | \$6,000 |
| SFWMD | 544 | 1,318 | 1,317 | 1,411 | 1,410 | \$6,000 |
| Total | 1,088 | 2,636 | 2,634 | 2,822 | 2,820 | \$12,000 |

*allocated

**budgeted

Hyperlink: www.evergladesplan.org

Point of Contact: Frank Grant (904) 232- 2186

DATA SHEET PROFILE

Project Name: WCA-2A Hydropattern Restoration
Project ID: 1432
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Extent of hydropattern improved (Target: 7,680 acres)

Project Synopsis: WCA-2A Hydropattern Restoration Works, consists of a modification of the L-6 levees and borrow canal to result in an approximation of sheet flow into Water Conservation Area-2A. This modification will extend from G-335, the new outflow pump station for STA-2, northeasterly to the STA-2 inflow canal from S-6, a total length of approximately 39,750 feet.

*** Cost (Estimate):**
 Total: \$5,895,440
 (1) Project Development: \$937,619
 Land Acquisition: \$0
 (2) Implementation: \$4,580,412
 Operations and Maintenance: \$377,409

Project Schedule:

Expected Completion Date: October 2001

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|----------------------|---------|---------|------------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994- 00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|--------------------|
| Federal | | | | | | | | |
| State | \$3,965,710 | \$1,282,611 | \$305,119 | \$23,000 | \$24,000 | \$25,000 | \$270,000 | \$5,895,440 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$3,965,710 | \$1,282,611 | \$305,119 | \$23,000 | \$24,000 | \$25,000 | \$270,000 | \$5,895,440 |

*Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.

(7) Project Development includes Design Phase [contracts & staff costs] costs.

(8) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: West WCA-3A Hydropattern Restoration
Project ID: 1433
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Improve the volume, timing and distribution of water entering the Everglades

Project Synopsis: The objective of this plan element is to restore hydroperiod along the northwest perimeter of Water Conservation Area 3A, west of the Miami Canal and east of Levee L-28. This will be accomplished through development of a sheet flow approximation along the affected three mile length. The source of the water supply for this sheet flow will be, discharges from the Rotenberger Wildlife Management Area and the outflows from STA-5 via the pump station G-404 and STA-6.

*** Cost (Estimate):**

| | |
|-----------------------------|--------------|
| Total: | \$10,909,917 |
| (1) Project Development: | \$57,261 |
| Land Acquisition: | \$0 |
| (2) Implementation: | \$7,075,633 |
| Operations and Maintenance: | \$3,777,023 |

Project Schedule:

Expected Completion Date: July 2006

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 94-00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|---------------------|
| Federal | | | | | | | | |
| State | \$6,512,874 | \$465,412 | \$144,513 | \$233,000 | \$241,000 | \$250,000 | \$3,063,118 | \$10,909,917 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$6,512,874 | \$465,412 | \$144,513 | \$233,000 | \$241,000 | \$250,000 | \$3,063,118 | \$10,909,917 |

*Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.

- (9) Project Development includes Design Phase [contracts & staff costs] costs.
- (10) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: C&SF: CERP - Big Cypress/L-28 Interceptor Modifications (CCC)
Project ID: 1500
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 7,600 acre-ft STA
 Levee degrading and canal filling

Project Synopsis: This feature includes modification of levees and canals, water control structures, pumps, and stormwater treatment areas with a total storage capacity of 7,600 acre-feet located within and adjacent to the Miccosukee and Seminole Indian Reservations in Collier and Hendry Counties. The initial design of the stormwater treatment areas assumed a total acreage of 1,900 acres with the water level fluctuating up to 4 feet above grade. Conceptual sizes of the stormwater treatment areas were based on interim phosphorus concentration targets in the conceptual plan for the Everglades Construction Project. The final size, depth and configuration of this facility, including the stormwater treatment areas, will be determined through more detailed planning and design. Design of the stormwater treatment areas will be based on water quality criteria of the Seminole Tribe and criteria applicable to Big Cypress National Preserve, as appropriate.

| | | |
|--------------|------------------------------------|---------------|
| Cost: | Total | \$ 42,751,000 |
| | Project Development | \$2,477,000 |
| | Land Acquisition (est 1,900 acres) | \$6,700,000 |
| | Implementation | \$ 33,574,000 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2005 |
| Finish Date: | 2015 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | |
| | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | |
| | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | thru 2001* | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012-2015 Balance to complete | Total |
|--------------|---------------|------------|------------|--------------|--------------|--------------|--------------|--------------|----------------------------------|-----------------|
| USACE | 37 | 177 | 177 | 847 | 847 | 847 | 847 | 4,204 | 13,393 | \$21,376 |
| SFWMD | 37 | 177 | 177 | 847 | 847 | 847 | 847 | 4,205 | 13,393 | \$21,376 |
| Total | 74 | 354 | 354 | 1,694 | 1,694 | 1,694 | 1,694 | 8,409 | 26,786 | \$42,751 |

*programmatic costs

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Frank Grant (904) 232-2186

DATA SHEET PROFILE

Project Name: C&SF: CERP – C-9 Stormwater Treatment Area/ Impoundment (R)
Project ID: 1501
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 2,500 acres

Project Synopsis: This feature includes canals, levees, water control structures and a stormwater treatment area/impoundment with a total capacity of approximately 10,000 acre –feet, located in the western C-9 Basin in Broward County. The initial design of the stormwater treatment area/impoundment assumed 2,500 acres with the water level fluctuating up to 4 feet above grade. The final size, depth and configuration of these facilities will be determined through more detailed planning and design to be completed as a part of the Water Preserve Areas Feasibility Study and will address appropriate pollution load reduction targets necessary to protect receiving waters. The purpose of this feature is to provide treatment of runoff stored in the North Lake Belt Storage Area, enhance the groundwater recharge within the basin, provide seepage control for Water Conservation Area 3 and buffer areas to the west, and provide flood protection for western C-9 Basin.

| | | |
|--------------|------------------------------------|--------------|
| Cost: | Total | \$89,146,000 |
| | Project Development | \$1,800,000 |
| | Land Acquisition (est 1,804 acres) | \$35,809,000 |
| | Implementation | \$24,407,000 |
| | Operations and maintenance | \$615,743 |
| | RE Adjustment | \$27,130,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2006 |

| | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|------|------|------|------|------|
| | | | | | |
| Planning & Design | | | | | |
| | | | | | |
| Real Estate | | | | | |
| | | | | | |
| Construction | | | | | |

Detailed Project Budget Information (\$1000)

| | 2002 | 2003 | 2004 | 2005 | 2006 | Total |
|--------------|---------------|---------------|--------------|--------------|--------------|-----------------|
| USACE | 16,185 | 16,184 | 4,067 | 4,068 | 4,069 | \$44,573 |
| SFWMD | 16,184 | 16,185 | 4,068 | 4,067 | 4,069 | \$44,573 |
| Total | 32,369 | 32,369 | 8,135 | 8,135 | 8,138 | \$89,146 |

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: John Keiser (904) 899-5146

DATA SHEET PROFILE

Project Name: C&SF: CERP - Miccosukee Tribe Water Management Plan (OPE)
Project ID: 1502
Lead Agency: U.S. Army Corps of Engineers / Miccosukee Tribe
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 900 acre. constructed wetlands (see Miccosukee Tribe Water Management Area project page 68).

Project Synopsis: This feature includes construction of a 900-acre wetland retention/detention area on the Miccosukee Tribe's Alligator Alley Reservation. The feature includes a pump station, levees, trenches and culverts to create the inflow and outflow facilities for the retention/detention area.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$24,459,000 |
| | Project Development | \$1,562,000 |
| | Land Acquisition | \$1,718,000 |
| | Implementation | \$21,179,000 |
| | Operations and maintenance | \$540,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2003 |
| Finish Date: | 2010 |

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|-------------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Planning & Design | | | | | | | | |
| | | | | | | | | |
| Real Estate | | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Total |
|--------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| USACE | 156 | 156 | 1,718 | 2,274 | 1,981 | 1,982 | 1,981 | 1,981 | \$12,229 |
| TRIBE | 156 | 156 | 1,718 | 2,274 | 1,981 | 1,982 | 1,981 | 1,981 | \$12,229 |
| Total | 312 | 312 | 3,436 | 4,548 | 3,962 | 3,964 | 3,962 | 3,962 | \$24,459 |

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Cheryl Ulrich (904) 232-1700

DATA SHEET PROFILE

Project Name: C&SF: CERP - North Palm Beach County PIR Part 1
Project ID: 1503
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: Primary: 1.B.1

Secondary: 1.A.4

Measurable Output(s): 1,260 acres of STA

Project Synopsis: This project includes 5 separable elements: **a) Pal-Mar and J.W. Corbett Wildlife Management Area Hydropattern Restoration** – this element includes water control structures, canal modifications, and acquisition of 3,000 acres. The purpose of this element is to provide hydrologic connections between the Corbett WMA and the Moss property, the C-18 Canal, the Indian Trail Improvement District, and the L-8 borrow canal; **b) C-51 and Southern L-8 Reservoir** – this element includes a combination above ground and in-ground reservoir. Pumps, water control structures, and canal improvements. The purpose of this element is to increase water supply availability and flood protection for north Palm Beach county areas; **c) Lake Worth Lagoon Restoration** – includes removal and trapping of sediments within the C-51 Canal and sediment removal or trapping within an area downstream of the C-51 Canal and the Lake Worth Lagoon. The purpose of this element is to improve water quality and allow for the reestablishment of sea grasses and benthic communities; **d) C-17 Backpumping and Treatment** – this element includes backpumping facilities and a stormwater treatment area with a total capacity of 2,200 acre feet located in northeastern Palm Beach County. The purpose of this element is to increase water supplies to the WPBWCA and Loxahatchee Slough; **e) C-51 Backpumping and Treatment** – includes backpumping facilities and a stormwater treatment area with a storage capacity of 2,400 acre-feet located in Palm Beach County. The purpose of this element is to increase water supplies to the WPBWCA and Loxahatchee Slough.

| | | |
|--------------|----------------------------|---------------|
| Cost: | Total | \$393,678,000 |
| | Project Development | \$10,919,000 |
| | Land Acquisition | \$59,493,000 |
| | Implementation | \$323,266,000 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2016 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | |

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

| | Thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | Balance to complete | Total |
|---|--------------|--------------|------------|---------------|---------------|---------------|---------------------------|------------------|
| Part 1 – North Palm Beach County Project | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Pal-Mar & J.W. Corbett Wildlife Management Area Hydropattern | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| C-51 & L-8 Basin Modifications and Reservoir Phase 1&2 | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Lake Worth Lagoon Restoration Phase 3 | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| C-17 Backpumping & Treatment Phase 4 | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| C-51 Backpumping & Treatment Phase 5 | | | | | | | | |
| USACE | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | 471.4 | 2,717 | 300 | 10,000 | 20,000 | 21,333 | 338,657 | \$393,678 |

Hyperlink: <http://www.evergladesplan.org>

Point of Contact : Paul Moczynski (904) 232-3846

Note : The Corps is not currently tracking the project components. Dollars shown in “thru 2001”, “2002” and “2003” are Corps allocations.

DATA SHEET PROFILE

Project Name: C&SF: CERP – Western C-11 Diversion Impoundment and Canal and Water Conservation Areas 3A and 3B Levee Seepage Management (O)(Q)
Project ID: 1504
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 1,600 acres

Project Synopsis: This feature includes canals, levees, water control structures, and a stormwater treatment area/impoundment with a total storage capacity of 6,400 acre-feet located in western Broward County. The initial design of the stormwater treatment area/impoundment assumed 1,600 acres with water level fluctuating up to 4 feet above grade. The final size, depth and configuration of these facilities will be determined through more detailed planning and design to be completed as a part of the Water Preserve Areas Feasibility Study. Detailed design of this feature will address pollution load reduction targets necessary to protect receiving waters. The purpose of this feature is to divert and treat runoff from the western C-11 Basin that is presently discharged into Water Conservation Area 3A, control seepage from Water Conservation Areas 3A and 3B by improving groundwater elevations, and providing flood protection for the western C-11 Basin.

| | | |
|--------------|-------------------------------------|---------------|
| Cost: | Total | \$224,544,000 |
| | Project Development | \$3,324,000 |
| | Land Acquisition (est 10,376 acres) | \$126,645,000 |
| | Implementation | \$53,574,000 |
| | Operations and maintenance | \$783,432 |
| | RE Adjustment | \$41,001,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2008 |

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------------|------|------|------|------|------|------|------|
| | | | | | | | |
| Planning & Design | | | | | | | |
| | | | | | | | |
| Real Estate | | | | | | | |
| | | | | | | | |
| Construction | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002** | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|--------------|------------|------------|----------------|---------------|--------------|--------------|--------------|--------------|------------------|
| USACE | 312 | 100 | 61,597 | 32,405 | 4,464 | 4,465 | 4,464 | 4,465 | \$112,272 |
| SFWMD | 312 | 100 | 61,596 | 32,406 | 4,465 | 4,464 | 4,465 | 4,464 | \$112,272 |
| Total | 624 | 200 | 123,193 | 64,811 | 8,929 | 8,929 | 8,929 | 8,929 | \$224,544 |

*programmatic costs

**allocated

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Brad Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: C&SF: CERP - Caloosahatchee Backpumping with Stormwater Treatment (DDD)
Project ID: 1505
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 20,000 acre-ft STA

Project Synopsis: This feature includes pump stations and a stormwater treatment area with a total capacity of approximately 20,000 acre-feet located in the C-43 Basin in Hendry and Glades Counties. The initial design of the stormwater treatment area assumed 5,000 acres with the water level fluctuating up to 4 feet above grade. The final size, depth and configuration of this facility will be determined through more detailed planning and design.

| | | |
|--------------|------------------------------------|--------------|
| Cost: | Total | \$82,895,000 |
| | Project Development | \$4,790,000 |
| | Land Acquisition (est 5,000 acres) | \$13,179,000 |
| | Implementation | \$64,926,000 |
| | Operations and maintenance | \$2,273,076 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2005 |
| Finish Date: | 2014 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| Construction | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2005 | 2006 | 2007 | 2008 | 2009 | 2010-2014 Balance to complete | Total |
|--------------|------------|------------|------------|------------|--------------|--------------|----------------------------------|-----------------|
| USACE | 72 | 342 | 342 | 342 | 3,637 | 3,637 | 33,075 | \$41,447 |
| SFWMD | 72 | 342 | 342 | 342 | 3,637 | 3,637 | 33,076 | \$41,448 |
| Total | 144 | 684 | 684 | 684 | 7,274 | 7,274 | 66,151 | \$82,895 |

* Programmatic Costs

Hyperlink: www.evergladesplan.org

Point of Contact: Carl Dunn - 904-232-3471

DATA SHEET PROFILE

Project Name: Critical Projects: Lake Okeechobee Water Retention/Phosphorous Removal
Project ID: 1506
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.B. 1

Measurable Output(s): 2 stormwater treatment areas with 940 acres

Project Synopsis: Re-establishing wetlands currently drained for agriculture. Purposes and the construction of 2 Stormwater Treatment Areas will reduce phosphorous loading to Lake Okeechobee. Design is underway.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$16,948,000 |
| | Project Development | \$2,355,000 |
| | Land Acquisition | \$3,300,000 |
| | Implementation | \$11,293,000 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1997 |
| Finish Date: | 2004 |

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------|------|------|------|------|------|------|------|
| Design | | | | | | | | |
| Real Estate | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 2001* | 2002* | 2003** | 2004 | Total |
|--------------|---------------|--------------|--------------|--------------|-----------------|
| USACE | 1,026 | 3,578 | 3,870 | 0 | \$8,474 |
| SFWMD | 1,026 | 3,578 | 0 | 3,870 | \$8,474 |
| Total | 2,052 | 7,156 | 3,870 | 3,870 | \$16,948 |

*allocated

**budget

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Carl Dunn (904) 232- 3471

DATA SHEET PROFILE

Project Name: Miccosukee Tribe Water Management Area
Project ID: 1507
Lead Agency: Miccosukee Tribe
Authority: Section 518 of the CWA, Miccosukee Water Quality Standards, Inherent Tribal Sovereignty.

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 1. Reduction of total phosphorous loads to achieve a long term flow weighted average concentration of 10 parts per billion. 2. Conversion of upland acres to wetland by 900 acres, 3. Increase wetland habitat for threatened and endangered species by 900 acres, 4. Prevent urbanization / industrial development along the I-75 corridor by conversion to eco-tourism friendly use. (see C&SF: CERP - Miccosukee Tribe Water Management Plan (OPE) page 67.)

Project Synopsis: 1. Get the water Right [1.a. Water Quantities will accomidate the natural system, urban and agriculture, 1.b. Water Quality will meet the designated use (achieve 10 ppb total phosphorous), 1.c. Compartmentalization will be reduced and sheet flow will be closer to pre-drainage patterns, 1.d. Water levels and timing of water deliveries will reflect quantities resulting from natural rainfall and will be distributed according to pre-drainage pattern, 2. Restore and Preserve natural habitats and Species: [2.a. The spatial extent of wetlands will be increased, 2.b. Impediments to natural water flow will be removed, 2.c. Habitat for numerous threatened and endangered species will be increased, 2.d. Invasive exotic plant and animal species will be substantially eliminated or reduced] and 3. Ensure Sustainability [3.a. Increase opportunity for socio-economic benefits, 3.b. Increase opportunity for eco-tourism and environmental education].

The Miccosukee Water Management Area is a project to construct a managed wetland/ Water Management Area on the Miccosukee Tribe's Alligator Alley Reservation. The purpose of the project is to provide water storage capacity and water quality treatment for waters which discharge into the Everglades Protection Area. The project will convert approximately 900 acres of tribally owned cattle pastures into a wetland retention/detention area, which will be designated to filter out harmful nutrients contained in stormwater runoff before the water enters the Everglades Protection Area. Tribal Water Quality Standards have been approved by EPA and require 10 ppb total phosphorous for waters entering the Everglades Protection Area. This (Water Management Area) will be designed to achieve that standard.

| | | |
|--------------|---|---|
| Cost: | Total: | \$42,113,000 |
| | Project Development (Planning & Design) | \$2,528,000 |
| | Land Acquisition | The Miccosukee Tribe proposes to convert up to 900 acres of upland cattle pastures to be used as their share of this projects cost. (This is 1/3 larger than STA-6). Land acquisition costs will be deemed equal to Capital costs of the project. |
| | Implementation (Water Management Area Construction) | \$20,213,000 |
| | Operations and Maintenance: | \$19,372,000 |

Project Schedule: The project will take no more than 5 years to complete. Funding has yet to be initiated.
 Start Date: 90 days after funding is secured
 Finish Date: No longer than 5 years

Detailed Project Budget Information (in thousands of dollars)

| | Thru 1999 | 2000 | 2001 | 2001 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|-----------------|
| | | | | | | | | |
| | | | | | | | | |
| Total | | | | | | | | \$42,113 |

Point of Contact: Gene Duncan (305)223-8380

DATA SHEET PROFILE

Project Name: STA-1 West Works and Outflow Pump Station (G-310)
Project ID: 1508
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): Acres of stormwater treatment area (Target: 6,700 acres).
 Phosphorus levels in outflows from the STA are at or below the interim target of 50 parts per billion.

Project Synopsis: STA-1 West is located in Western Palm Beach County it serves the area tributary to Pump Station S-5A and the Loxahatchee National Wildlife Refuge (WCA-1). STA 1 West consists of almost 7,000 acres (over 10 square miles) of prior agricultural fields that have been converted to wetland treatment systems designed to reduce phosphorus loads entering the Everglades. The construction consisted of approximately 6,700 acres of wetlands, 14 miles of levees, three concrete spillways, culverts and related ancillary facilities. STA-1 West will include the current Everglades Nutrient Removal (ENR) Project, which is a demonstration project of wetland treatment technology. Over the last six years the ENR has removed over 80 metric tons of phosphorus from waters entering the Everglades. Pump Station G-310 is located at the south corner of STA-1 West and directly southwest of the existing G-251 outflow pump station for the ENR project. With a capacity of 3,040 cfs, it will provide treated water to the Loxahatchee National Wildlife Refuge, also known as, WCA 1.

*** Cost (Estimate):**

| | |
|-----------------------------|--------------|
| Total: | \$99,370,678 |
| (1) Project Development: | \$3,119,981 |
| Land Acquisition: | \$22,373,872 |
| (2) Implementation: | \$47,842,115 |
| Operations and Maintenance: | \$26,034,710 |

Project Schedule:

Expected Completion Date: October 2000

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994- 00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|---------------------|
| Federal | | | | | | | | |
| State | \$69,543,751 | \$5,054,841 | \$1,551,086 | \$1,585,000 | \$1,641,000 | \$1,698,000 | \$18,297,000 | \$99,370,678 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$69,543,751 | \$5,054,841 | \$1,551,086 | \$1,585,000 | \$1,641,000 | \$1,698,000 | \$18,297,000 | \$99,370,678 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (11) Project Development includes Design Phase [contracts & staff costs] costs.
- (12) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: STA-2 Works and Outflow Pump Station (G-335)
Project ID: 1509
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): Acres of stormwater treatment area (Target: 6,430 acres).
 Phosphorus levels in outflows from the STA are at or below the interim target of 50 parts per billion.

Project Synopsis: STA-2 Works is located in southern Palm Beach County including and surrounding the Brown's Farm Wildlife Management Area. This project provides a total effective treatment area of 6,430 acres serving the area tributary to pump station S-5A and S-6. Construction included approximately 28 miles of levees constructed in the inflow, interior and discharge works combined, remote controlled structures and pump station G-335. This stormwater treatment area will filter and discharge waters to Water Conservation Area -2A (WCA-2A). Sixteen remotely controlled structures will reduce operation and maintenance expenditures and will allow additional flexibility to achieve balanced flows into the treatment cells. Outflow Pump Station G-335 is located at the south east corner of STA-2. This 3,040 cubic foot per second structure will discharge treated water into Water Conservation Area 2A.

*** Cost (Estimate):**

| | |
|-----------------------------|---------------|
| Total: | \$110,606,858 |
| (1) Project Development: | \$4,491,094 |
| Land Acquisition: | \$30,762,799 |
| (2) Implementation: | \$60,431,033 |
| Operations and Maintenance: | \$14,921,932 |

Project Schedule:

Expected Completion Date September 2002

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994- 00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|
| Federal | | | | | | | | |
| State | \$92,112,814 | \$1,295,090 | \$3,680,954 | \$924,000 | \$957,000 | \$990,000 | \$10,647,000 | \$110,606,858 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$92,112,814 | \$1,295,090 | \$3,680,954 | \$924,000 | \$957,000 | \$990,000 | \$10,647,000 | \$110,606,858 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (13) Project Development includes Design Phase [contracts & staff costs] costs.
- (14) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: STA-3/4 Works
Project ID: 1510
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): Acres of stormwater treatment area (Target: 16,600 acres)
 Phosphorus levels in outflows from the STA are at or below the interim target of 50 parts per billion.

Project Synopsis: STA-3/4 will treat the area tributary to Pump Station S-7 and S-8 and will be constructed to provide a total effective treatment area of 16,600 acres extending generally from the Holey Land Wildlife Management Area to U.S. Highway 27. The major components of STA-3/4 are, but are not limited to the following: Inflow Pump Station G-370 and G-372, gated spillways G-371 and G-373, STA-3/4 Works, Supply Canal, and U.S. Highway 27 Bridge Relocation.

*** Cost (Estimate):**

| | |
|-----------------------------|---------------|
| Total: | \$213,213,534 |
| (1) Project Development: | \$7,896,003 |
| Land Acquisition: | \$50,294,208 |
| (2) Implementation: | \$129,707,452 |
| Operations and Maintenance: | \$25,315,871 |

Project Schedule:

Expected Completion Date: December 2004

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|-------------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994- 00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|
| Federal | | | | | | | | |
| State | \$54,492,146 | \$19,867,582 | \$54,754,574 | \$50,764,588 | \$8,339,554 | \$4,804,090 | \$20,191,000 | \$213,213,534 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$54,492,146 | \$19,867,582 | \$54,754,574 | \$50,764,588 | \$8,339,554 | \$4,804,090 | \$20,191,000 | \$213,213,534 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (15) Project Development includes Design Phase [contracts & staff costs] costs.
- (16) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: STA-5 Works
Project ID: 1511
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): Acres of stormwater treatment area (Target: 4,118 acres).
 Phosphorus levels in outflows from the STA are at or below the interim target of 50 parts per billion.

Project Synopsis: STA-5 is bordered by L-3 on the west and immediately east of and adjacent to the Rotenberger Wildlife Management Area in Hendry County, is intended to improve the quality of water discharged from the C-139 Basin. STA-5 will achieve a total effective treatment area of 4,118 acres. Major components of this STA include, but are not limited to the following: construction of eight gravity control structures to convey flows into and out of STA-5 treatment cells, 18 miles of canal and levee construction, eight intermediate concrete culverts with fixed wiers, modifications to the existing L-3 Levee, seepage return pump station, (2) water supply pump stations and construction of a discharge canal. This STA consists of two parallel treatment cells with flow direction from west to east.

*** Cost (Estimate):**

| | |
|-----------------------------|--------------|
| Total: | \$48,056,114 |
| (1) Project Development: | \$1,408,508 |
| Land Acquisition: | \$15,549,493 |
| (2) Implementation: | \$20,316,430 |
| Operations and Maintenance: | \$10,781,683 |

Project Schedule:

| | Expected Completion Date | | | | July 2003 | | |
|----------------------------|--------------------------|---------|---------|---------|-----------|---------|-------------------|
| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994-00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|---------------------|--------------------|--------------------|--------------------|-------------------|-------------------|---------------------|---------------------|
| Federal | | | | | | | | |
| State | \$32,756,760 | \$1,633,637 | \$1,813,856 | \$2,852,861 | \$685,000 | \$709,000 | \$7,605,000 | \$48,056,114 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$32,756,760 | \$1,633,637 | \$1,813,856 | \$2,852,861 | \$685,000 | \$709,000 | \$7,605,000 | \$48,056,114 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (17) Project Development includes Design Phase [contracts & staff costs] costs.
- (18) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: STA-6 (includes Sections 1 and 2)
Project ID: 1512
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): Acres of stormwater treatment area (Target: Section 1 - 812 acres; Section 2 - 1,410 acres).

STA 6 exceeded expectations of phosphorus removal during the first year of operation. For the period December 1997 through November 1998, outflow concentrations averaged 10 parts per billion (ppb), well below the design target of 50 ppb. This exceptional performance is even more extraordinary considering the extreme range in hydrology experienced by the wetland. Inflow volumes were almost three times the annual average assumed during the design, a result of a strong El Nino effect and Tropical Storm Mitch. In addition, the treatment area dried out for a period of 60 days during the early summer. Despite these fluctuations, the marsh vegetation and associated algal communities were able to remove over 70 percent of the phosphorus inflow loads and reduce concentrations to an average of 19 ppb.

Project Synopsis: STA-6 Section 1 was completed on October 31, 1997, and is located immediately west of the Rotenberger Wildlife Management Area and north of Levee L-3 in southeastern Hendry County. It was constructed to provide a total effective STA area of 870 acres. Project components included, but was not limited to, construction of various inflow and discharge structures, discharge canal and levee. STA-6 Section 2 will involve the addition of 1,410 acres of effective treatment area to treat runoff from US Sugar Corporation's Southern Division Unit 1. The improvements consist primarily of new inflow, outflow, exterior and perimeter levees, inflow structures and outflow structures, new access bridges and seepage return pump.

| | | |
|---------------------------|-----------------------------|--------------|
| * Cost (Estimate): | Total: | \$21,807,026 |
| | (1) Project Development: | \$755,865 |
| | Land Acquisition: | \$7,451,210 |
| | (2) Implementation: | \$9,007,544 |
| | Operations and Maintenance: | \$4,592,407 |

Project Schedule:

Expected Completion Date September 2004

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|----------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

DATA SHEET PROFILE

* Detailed Project Budget Information

| | Actual FY 1994-00 | Projecte d FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
|--------------|----------------------|-----------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|---------------------|
| Federal | | | | | | | | |
| State | \$10,180,932 | \$79,135 | \$94,660 | \$5,393,071 | \$1,814,228 | \$362,000 | \$3,893,000 | \$21,807,026 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$10,180,932 | \$79,135 | \$94,660 | \$5,393,071 | \$1,814,228 | \$362,000 | \$3,893,000 | \$21,807,026 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

(19) Project Development includes Design Phase [contracts & staff costs] costs.

(20) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: West Palm Beach Canal (C-51) and STA-1E
Project ID: 1513
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: FCA 1968

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 6,500 acres

Project Synopsis: The project is located in Palm Beach County and runs east/west from Water Conservation Area No. 1 (Loxahatchee National Wildlife Refuge) to West Palm Beach at Lake Worth. The authorized project will provide 30-year flood protection to the urbanized eastern basin and 10-year flood protection to the western basin. All eastern basin features have been completed. During mediation of the Everglades litigation, a technical mediated plan was developed for resolution of the litigation. The technical mediated plan included a substantially modified C-51 Project. The modified plan expands the original 1,600 acre flood water detention area into a 6,500 acre stormwater treatment area. In addition to the flood damage reduction benefits provided by the original project, the modified plan provides water quality treatment, reduction of damaging freshwater discharges to Lake Worth, and increased water supply for the Everglades and other users.

| | | |
|--------------|-----------------------------|---------------|
| Cost: | Total: | \$272,900,000 |
| | Project Development: | \$22,482,000 |
| | Land Acquisition: | \$69,394,000 |
| | Implementation: | \$181,024,000 |
| | Operations and maintenance: | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2003 |

| | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------------|------|------|------|------|------|
| Planning & Design | | | | | |
| Real Estate | | | | | |
| Construction | | | | | |

Detailed Project Budget Information

| | Thru 2001 ¹ | 2002 ¹ | 2003 ² | Balance to complete | Total |
|------------------|---------------------------|-------------------|-------------------|---------------------------|------------------|
| USACE | 79,427 | 45,725 | 46,514 | 75,334 | \$247,000 |
| SFWMD | 25,900 | 0 | 0 | 0 | \$25,900 |
| DOI ³ | 46,000 | 0 | 0 | 0 | \$46,000 |
| Total | 105,327 | 45,725 | 46,514 | 75,334 | \$272,900 |

¹ allocated

² budget

³ DOI figure not reflected in USACE Budget Information (not included in total)

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Paul Moczynski (904) 232-3846

DATA SHEET PROFILE

Project Name: Total Maximum Daily Load (TMDL) for South Florida
Project ID: 1600
Lead Agency: Florida Department of Environmental Protection
Authority: 403.067, F.S.

Strategic Plan Goal(s) Addressed: 1.B.2

Measurable Output(s): Basin Assessments, Identifying Impaired Waters, Supplemental Data Collection, Develop TMDLs, Implementation Plans, Verification WQ Standards have been met

Project Synopsis: During the first phase, the water quality data for each basin will be assessed in detail, including the identification of waters for which TMDLs will be developed. Once a basin assessment report and a Plan of Study are completed, intensive monitoring will be conducted in the basin to supply any additional data needed to model the impaired waters in the basin and generate TMDLs. During the third phase, TMDLs will be calculated and then allocated to individual point sources and the major categories of nonpoint sources. After TMDLs are approved, a consensus-based basin management action plan (BMAP), which will include a TMDL implementation plan, will be developed during the fourth phase. The implementation plan will include more detailed allocations to nonpoint sources, but the allocations will be voluntary if the sources are currently outside of the State's regulatory authority. Once these plans have been adopted and implemented, verification (using added WQ monitoring data, evaluations of beach closure reports, or number of fish kills, for example) will allow waters to be certified as meeting water quality standards.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total: | \$633,000/yr |
| | Project Development: | \$633,000/yr |
| | Land Acquisition: | Unknown |
| | Implementation: | Unknown |
| | Operation and Maintenance: | Unknown |

Project Schedule:

| | |
|--------------|---|
| Start Date: | July 1, 2000 |
| Finish Date: | Upon Completion (Current schedule runs to 2011) |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|
| Federal | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| State | 0.4×10^6 | 0.6×10^6 | 0.6×10^6 | 0.6×10^6 | 0.6×10^6 | 0.6×10^6 | | 3.4×10^6 |
| Tribal | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Local | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Other | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 0.4×10^6 | 0.6×10^6 | 0.6×10^6 | 0.6×10^6 | 0.6×10^6 | 0.6×10^6 | | 3.4×10^6 |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Chapter 298 Districts/Lease 3420 Improvements
Project ID: 1700
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Extent of reduction of total phosphorus entering Lake Okeechobee.

Project Synopsis: South Florida Water Management District is funding works of the Chapter 298 District (East Beach Water Control District, East Shore Water Control District, South Shore Drainage District and South Florida Conservancy District) for the design and construction of this diversion work as described in the Everglades Forever Act. South Florida Water Management District is also funding works of the Lessee of Lease No. 3420 (Closter Farms) for the design and construction of diversion works as described in the Everglades Forever Act. The primary objective of these improvements is to reduce total phosphorus loads discharged directly to Lake Okeechobee.

*** Cost (Estimate):**
 Total: \$17,642,865
 (1) Project Development: \$1,428,113
 Land Acquisition: \$0
 (2) Implementation: \$16,214,752
 Operations and Maintenance: \$0

Project Schedule

Expected Completion Date December 2004

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|-------------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

* Detailed Project Budget Information

| | Actual FY 1994-00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Total |
|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|
| Federal | | | | | | |
| State | \$9,165,674 | \$7,171,087 | \$1,066,111 | \$239,523 | \$470 | \$17,642,865 |
| Tribal | | | | | | |
| Local | | | | | | |
| Other | | | | | | |
| Total | \$9,165,674 | \$7,171,087 | \$1,066,111 | \$239,523 | \$470 | \$17,642,865 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (21) Project Development includes Design Phase [contracts & staff costs] costs.
- (22) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: Comprehensive Integrated Water Quality Feasibility Study
Project ID: 1701
Lead Agency: U.S. Army Corps of Engineers / Florida Department of Environmental Protection
Authority: Water Resources Development Act 1996

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Feasibility Report

Project Synopsis: The Comprehensive Plan includes a number of construction features, such as stormwater treatment areas, specifically designed to improve water quality conditions for the purpose of south Florida ecosystem restoration. Further, the plan includes other construction features, such as water storage reservoirs that could be designed to maximize water quality benefits to downstream water bodies. Optimizing the design and operation of construction features of the recommended plan to achieve water quality restoration targets is essential for achieving overall ecosystem restoration goals for south Florida.

The Comprehensive Integrated Water Quality Feasibility Study for south Florida would involve identifying pollution-impaired water bodies, quantifying types and sources of pollution, establishing interim and final pollution load reduction targets necessary to achieve ecosystem restoration, recommendations for development of potential source reduction programs, recommendations for baseline and future water quality monitoring programs to assess ecological responses to water quality changes, and recommendations for designing and constructing water quality treatment facilities, if necessary. It is also envisioned that the feasibility study will address issues of fragmented, uncoordinated water quality sampling, data quality, and climatological effects and trends; recommendations for oversight and support of improved water quality modeling efforts in south Florida; development of additional water quality restoration targets, where needed; recommendations for remediation programs to achieve those targets; recommendations for Best Management Practices in specific agricultural and urban areas where appropriate (including identifying those urban areas where participation in the NPDES municipal stormwater program is needed); and recommendations for synchronizing water quality restoration programs with the implementation schedule for the components of the recommended plan. The Comprehensive Integrated Water Quality Feasibility Study would also include recommendations for locations of water storage and treatment areas and design features for optimizing CERP components to achieve water quality restoration targets. The comprehensive integrated water quality feasibility study may also lead to recommendations for additional features (e.g., polishing cells, operational features) for CERP components currently lacking specific water quality performance elements.

Cost: Total \$8,100,000
Project Development

Project Schedule:

Start Date: 2001
Finish Date: 2006

| | Thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|--------------|------|------|------|------|------|
| Planning & Design | | | | | | |
| | | | | | | |
| Construction | | | | | | |

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | 2005 | 2006 | Total |
|--------------|-----------------------|--------------|---------------|-------------|-------------|-------------|----------------|
| Federal | 649 | 1,214 | 914 | 425 | 424 | 424 | \$4,050 |
| FDEP | 649 | 1,214 | 914 | 425 | 424 | 424 | \$4,050 |
| Total | 1,298 | 2,428 | 1,828 | 850 | 848 | 848 | \$8,100 |

*allocated

**budgeted

Hyperlink: www.evergladesplan.org

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Critical Projects- Lake Trafford
Project ID: 1702
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 1996, 2000

Strategic Plan Goal(s) Addressed: **Primary:** 1.B.3

Secondary: 2.A.3

Measurable Output(s): Removal of 8.5 million cubic yards of organic material

Project Synopsis: The removal of 8.5 million cubic yards of organic material from the lake will improve water quality, and re-establish native vegetation. Design is underway.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$15,408,000 |
| | Project Development | \$1,007,000 |
| | Land Acquisition | \$744,000 |
| | Implementation | \$13,657,000 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2004 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------|------|------|------|------|------|
| Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003** | 2004 | Total |
|--------------|---------------|--------------|--------------|------------|-----------------|
| USACE | 1,614 | 4,534 | 1,315 | 241 | \$7,704 |
| SFWMD | 1,614 | 4,534 | 1,315 | 241 | \$7,704 |
| Total | 3,228 | 9,068 | 2,630 | 482 | \$15,408 |

*allocated

**budget

Point of Contact: Carl Overstreet (904) 232-3515

DATA SHEET PROFILE

Project Name: Critical Projects - Western C-11 Water Quality Treatment
Project ID: 1703
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 96

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): gated spillway structure, pump station

Project Synopsis: Western C-11 Basin Water Quality Treatment. The construction of gated spillway structure in the C-11 canal will separate clean seepage flows from urban stormwater drainage. A pump station will be constructed to pump this clean flow into Water Conservation Area 3A.

Cost: Total \$13,300,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1997
 Finish Date: 2003

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------|------|------|------|------|------|------|------|
| Design | | | | | | | |
| Construction | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002 | 2003 | Total |
|--------------|---------------|--------------|--------------|-----------------|
| USACE | 3,687 | 1,462 | 1,461 | \$6,610 |
| SFWMD | 3,687 | 1,502 | 1,501 | \$6,690 |
| Total | 11,849 | 2,964 | 2,962 | \$13,300 |

* allocated

Hyperlink: <http://www.saj.usace.army.mil/projects/newrpt.htm>

Point of Contact: Brad Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: Development of Best Management Practices Related to the Land Application of Residuals and Chicken Manure in the Lake Okeechobee Watershed

Project ID: 1704

Lead Agency: South Florida Water Management District

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Establishment of Environmentally-Sound Guidelines for Land Application of Residuals and Chicken Manure

Project Synopsis: The overall objective of this project is to assess the potential impacts of residuals (sludge) and chicken manure application on the quality of water reaching Lake Okeechobee. The specific objectives are to (1) document environmental problems associated with residual and chicken manure use through water quality monitoring, (2) establish application rates for residuals and chicken manure that are economical and environmentally sound, (3) identify potential residual and chicken manure management practices using alum water treatment residuals, and (4) educate landowners in the watershed on the proper management and use of the waste materials.

| | | |
|--------------|----------------------------|-----------|
| Cost: | Total | \$657,000 |
| | Project Development | \$20,000 |
| | Land Acquisition | N/A |
| | Implementation | \$637,000 |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|---------|
| Start Date: | 7/13/00 |
| Finish Date: | 7/13/03 |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------------------|------------------|------------------|------------------|------|---------------------------|------------------|
| Federal | | | \$157,000 | \$100,000 | \$100,000 | | | \$357,000 |
| State | | \$100,000 | \$100,000 | \$100,000 | | | | \$300,000 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | \$100,000 | \$257,000 | \$200,000 | \$100,000 | | | \$657,000 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Everglades National Park Water and Wastewater
Project ID: 1705
Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Number of water and wastewater systems that are rehabilitated or replaced

Project Synopsis: This project will rehabilitate or replace the water and wastewater systems at 17 areas within Everglades National Park. A large percentage of the existing water and wastewater systems within the park were constructed over 25 years ago when the public health and environmental standards were not as fully evolved as they are today. While originally constructed to code, many of these systems fall short of meeting present day standards. This rehabilitation effort would modify or replace all of the existing systems with the new systems that offer the full level of public health and environmental protection that present day standards require. The final result will be potable water systems properly designed to provide safe, clean water and wastewater that is sufficiently treated to fully protect the fragile water resources within Everglades National Park.

Cost: Total \$18,965,000

Project Schedule:

Start Date: 1997
Finish Date: TBD

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|--------------|--------------|--------------|--------------|------------|---------------------|-----------------|
| Federal | 3,516 | 1,894 | 2,883 | 4,192 | 4,594 | 286 | 1,600 | 18,965 |
| Total | 3,516 | 1,894 | 2,883 | 4,192 | 4,594 | 286 | 1,600 | \$18,965 |

Point of Contact: Walter Chavez (305) 242- 7700

DATA SHEET PROFILE

Project Name: Everglades Stormwater Program
Project ID: 1706
Lead Agency: South Florida Water Management District
Authority: Everglades Forever Act (EFA)

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Basin Specific Water Quality Improvement Plan; Long-term Compliance Permit; Achieve State Water Quality Standards at all structures discharging to the Everglades Protection Area by December 2006

Project Synopsis: As a result of the EFA, the SFWMD established the Everglades Stormwater Program (ESP). The ESP includes two main components, the Everglades Agricultural Area (EAA) Phosphorus Reduction Program and the Urban and Tributary Basins Program. The EAA Phosphorus Reduction Program includes regulatory programs developed to decrease phosphorus loads from the EAA by reducing phosphorus on the surrounding farms and other adjacent land prior to discharging off-site. Landowners in the EAA have implemented a series of best management practices that have reduced phosphorus loads to the Everglades. Over the last three years, the total cumulative loads attributable to the EAA have been reduced by 57 percent as compared to the calculated load that would have occurred during the pre- Best Management Practice period (adjusted for hydrologic variability). The Urban and Tributary Basins Program was developed to ensure that all basins discharging into the Everglades other than those included in the EAA meet state water quality standards. Cost information as to the costs associated with the Everglades Stormwater Program is being developed as the ESP progresses. Water quality improvement strategies will be developed for each basin that discharges into the Everglades Protection Area. These strategies may include best management practices, regulatory programs, public outreach, and construction of public works projects. Until the basin specific water quality improvement plans are developed, it will be difficult to estimate implementation costs of this program.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | Subject to final compliance methodology |
| | Project Development | N/A |
| | Land Acquisition | N/A |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|---------------|
| Start Date: | March 1998 |
| Finish Date: | December 2006 |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | Balance to complete | Total |
|--------------|---------------|-------------|--------------|-------------|------|------|------|------|---------------------|-------|
| Federal | | | | * | * | * | * | * | * | * |
| State | 4M | 3.5M | 4M | 3.2M | | | | | * | * |
| Tribal | | | | * | * | * | * | * | * | * |
| Local | 50K | 100K | 250K | 125K | * | * | * | * | * | * |
| Other | | | | | | | | | | |
| Total | 4.05 M | 3.6M | 4.25M | 3.3M | * | * | * | * | * | * |

***Detailed Costs will be available after completion of Basin Specific analyses and issuance of Long-term Compliance Permit in 2003**

Point of Contact: Sharon Trost (561) 682-6814

DATA SHEET PROFILE

Project Name: Florida Aquifer Restoration
Project ID: 1707
Lead Agency: U.S. Department of Agriculture – Natural Resources Conservation Service
Authority: PL-46

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Reduced Aquifer Contamination

Project Synopsis: Permanently plug free flowing wells in St. Lucie County and reduce saline discharge to surface waters and eliminate saline contamination of the Floridan Aquifer by leaking well casing from other aquifers.

Cost: Total: \$1,200,000
 Project Development
 Land Acquisition
 Implementation \$1,200,000
 Operations and maintenance

Project Schedule:
 Start Date: 2002
 Finish Date: 2007

Detailed Project Budget Information

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | Balance to complete | Total |
|--------------|-----------------|------------------|------------------|------------------|----------------|------------------|---------------------|-----------------|
| Federal | \$15,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$185,000 | 0 | \$600,000 |
| State | \$12,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$188,000 | 0 | \$600,000 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$27,000 | \$200,000 | \$200,000 | \$200,000 | 200,000 | \$373,000 | | \$1,200K |

Point of Contact: Donna Smith – 772-461-4546 X 3 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Lake Okeechobee Sediment Management Feasibility Study and Pilot Dredging Project
Project ID: 1708
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Recommendation Regarding Sediment Removal from Lake Okeechobee

Project Synopsis: The goal of this project is to analyze alternatives and determine the best method of sediment management to reduce internal phosphorus loading in Lake Okeechobee. The Feasibility Study will address alternatives such as sediment removal, disposal, and chemical treatment, and/or sealing sediment to achieve the project goal and compare these alternatives to a no-action baseline. The goal of the Feasibility Study will be achieved using an objective methodology that allows for review and input by experts and stakeholders throughout the study process. The evaluation information from the Feasibility Study will be used in conjunction with a multiple criteria decision process model and public input to make final recommendations to SFWMD's Governing Board. A pilot dredging project to test a state-of-the-art sediment removal technology will be conducted in parallel with the Feasibility Study. The pilot test will include sediment dredging, multiple bench scale tests to assess sediment characteristics, de-watering, and water treatment. The pilot test will provide useful information to the Feasibility Study.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$1,953,065 |
| | Project Development | \$1,953,065 |
| | Land Acquisition | N/A |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|--------|
| Start Date: | 6/1/00 |
| Finish Date: | 6/1/03 |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|----------|----------------|------------------|----------------|------|---------------------------|--------------------|
| Federal | | | | | | | | |
| State | | 0 | 487,699 | 1,038,694 | 426,672 | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | 0 | 487,699 | 1,038,694 | 426,672 | | | \$1,953,065 |

* Subject to contract bids

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Lewis Hornung (561) 682-2007

DATA SHEET PROFILE

Project Name: Lake Okeechobee Tributary Sediment Removal Pilot Project
Project ID: 1709
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Reduction in phosphorus concentrations in tributaries to Lake Okeechobee

Project Synopsis: The overall objective of the project is to evaluate the technical feasibility and economic viability of two tributary sediment removal technologies in reducing phosphorus loads to Lake Okeechobee. This objective will be addressed by providing a direct comparison of a continuous deflective separation (CDS) unit and a tributary sediment trap (TST) at the discharge site of Lettuce Creek. Continuous-flow weighted samples will be collected at the inflow to, and outflow from the sediment removal devices over a 12-month period. Water flow rate through the devices will also be monitored. Sediments retained by the units will be collected and analyzed for various P species. Water quality, flow, and sediment data will be used to calculate the phosphorus removal efficiency of the sediment removal technologies. Total cost including maintenance fees and cost per unit of phosphorus removed will be analyzed for each technology to determine if these technologies are technically and economically effective methods of reducing phosphorus exports to the lake. If one of the tested sediment trap methods is found effective, landowners in the watershed will be encouraged to use it. The District will also use the technology where possible on District facilities.

| | | |
|--------------|---|-----------|
| Cost: | Total | \$420,000 |
| | Project Design (Phase I) | \$93,728 |
| | Construction, Installation, and Calibration of Monitoring Instruments (Phase II) | \$210,940 |
| | Post Sediment Removal Monitoring and Measuring Effectiveness of the Project (Phase III) | \$115,332 |

Project Schedule:

| | |
|--------------|----------------|
| Start Date: | October 2000 |
| Finish Date: | September 2003 |

| | 10/2000 | 08/2001 | 01/2002 | 04/2002 | 05/2002 | 09/2003 |
|-----------------------------------|---------|---------|---------|---------|---------|---------|
| Project Design | | | | | | |
| Construction and Installation | | | | | | |
| Monitoring and Project Evaluation | | | | | | |

Detailed Project Budget Information:

| | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|----------|----------------|----------------|---------------|------|---------------------|------------------|
| Federal EPA | 0 | 105,100 | 41,500 | 23,400 | | | 170,000 |
| State SFWMD | 0 | 51,000 | 156,600 | 42,400 | | | 250,000 |
| Tribal | | | | | | | |
| Local | | | | | | | |
| Other | | | | | | | |
| Total | 0 | 156,100 | 198,100 | 65,800 | | | \$420,000 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Lewis Hornung (561) 682-2007

DATA SHEET PROFILE

Project Name: Miccosukee Water Resources Management
Project ID: 1710
Lead Agency: Miccosukee Tribe
Authority: Inherent Tribal Sovereignty.

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): 1. Allows Tribe to meaningfully participate in ecosystem restoration activities, 2. Allows development of a regulatory program to manage discharges to Tribal Reservation lands (approx. 75,000 acres), 3. Allows for Management of a Surface Water Management System (approx 10,000 acres) to include a 900 acre Water Management Area, 4. Allows for water quality monitoring of 189,000 acres of the central Everglades, 5. Allows for an aquatic weed control program on Tribal Reservation lands (approx. 75,000 acres), 6. Allows for GIS/GPS activities to integrate data collection with resource management, 7. This project provides for improved management of flows and quantity distribution as well as enhanced water quality benefits, both on and off Reservation lands.

Project Synopsis: 1. Get the water Right [quantity, quality, distribution, timing], 2. Restore and Preserve Natural Habitats and Species: [spatial extent, impediments to flow, habitat for threatened and endangered species, and exotic plant and animal] and 3. Ensure Sustainability [socio-economic benefits and opportunity for eco-tourism and environmental education].

The project involves a holistic approach to surface-water resources management within the Federal Reservation, Miccosukee Leased Lands and Miccosukee Reserved Area (approx 265,000 acres total). It includes field surveying of canals and levees, engineering design, ditch excavation, installation of water control structures, aquatic weed control, collection and analysis of water quality data, and integration of GIS/GPS data into management data bases. This project allows the Tribe to participate in a meaningful way in the restoration activities while monitoring the success of multiple agency activities (rights protection).

Cost: Total: \$25,200,000.00 (\$2.1 Million annually)
 Project Development : This project cost is based on a ten (10) year program with annual costs to operate the Miccosukee Water Resources Management being \$2,100,000.00
 Land Acquisition:

Project Schedule: The project is based on a ten year schedule. If restoration activities extend beyond ten years, additional funding will be needed.

Start Date: No funding to date.
 Finish Date: Completion of Restoration Activities

Detailed Project Budget Information (in thousands of dollars)

| | Thru 1999 | 2000 | 2001 | 2001 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|-----------------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | \$25,200 |

Point of Contact: Gene Duncan (305) 223-8380

DATA SHEET PROFILE

Project Name: Outfall (Military) Canal Remediation
Project ID: 1711
Lead Agency: Air Force Base Conversion Agency

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Eliminate sediment contamination threat to Biscayne National Park

Project Synopsis: Scientific data is available identifying the characteristics, degree, and extent of sediment contamination in the Outfall Canal. The project will (1) evaluate alternatives for the remediation of sediment contaminants in the Outfall Canal using scientific and engineering data, including public and stakeholder inputs in the selection of a remedy, (2) prepare engineering design and specifications for the selected alternative, and (3) implement the selected alternative. There is a concern that the existing contaminated sediments may be conveyed to Biscayne National Park during flow events. The extent of agency participation identified is necessary to ensure that concerns about contaminated sediments are addressed.

Cost: Total (The Air Force can not provide the total project cost estimate at this time, although the total cost will be at least \$3.3 million, including what has already been spent to date.)

Project Schedule:

Start Date: 1999
Finish Date: June 2002

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------|------|------|------|------|------|------|------|------|
| Feasibility Study | | | | | | | | |
| | | | | | | | | |
| Proposed Plan | | | | | | | | |
| | | | | | | | | |
| Remedial Design | | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------------|------|------|------|------|---------------------|----------------|
| Federal | 1,400 | 500 | | | | | | |
| Total | 1,400 | 500 | | | | | | \$1,900 |

Point of Contact: Walter Chavez (305) 242-7700

DATA SHEET PROFILE

Project Name: Pollution Prevention
Project ID: 1712
Lead Agency: Natural Resources Conservation Service and Florida Dept. of Agriculture and Consumer Services
Authority: PL-46

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Reduced Nutrient Loads

Project Synopsis: In cooperation with the FDEP, FDCA, and the EPA, develop a pollution prevention and control program for the South Florida Ecosystem to address TMDL's. This project will target the development of an enhanced urban and agriculture pollution prevention control program through public and private cooperation in the development of best management practices. Expand existing programs such as Farm-A-Syst Program, and develop new and innovative agricultural BMP's. Develop and provide information materials targeted to the urban populace to reduce pollution to the ecosystem. This project will result in a reduction of the release of pollutants to water bodies from urban and rural residences and agricultural producers.

| | | |
|--------------|----------------------------|-----------|
| Cost: | Total | \$890,000 |
| | Project Development | |
| | Land Acquisition | |
| | Implementation | |
| | Operations and maintenance | |
| | Management | \$890,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2006 |

Detailed Project Budget Information

| | | | 2002 | 2003 | 2004 | 2005 | 2006 | Total |
|--------------|--|--|------------------|------------------|------------------|------------------|------------------|------------------|
| Federal | | | \$112,000 | \$132,000 | \$132,000 | \$132,000 | \$132,000 | \$640,000 |
| State | | | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$250,000 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$162,000 | \$182,000 | \$182,000 | \$182,000 | \$182,000 | \$890,000 |

Point of Contact: Ron Smola 561-682-2857 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: S-5A Basin Runoff Diversion Works
Project ID: 1713
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Phosphorus levels in outflows from the STA are at or below the interim target of 50 parts per billion.

Project Synopsis: S-5A Basin Runoff Diversion Works is located in western Palm Beach County at the confluence of the Hillsboro and Ocean Canal in the Everglades Agricultural Area (EAA). The project is required to divert flow from the S-5A Basin into STA-2 for treatment. This will require the enlargement of approximately 17 miles of the Hillsboro and Ocean Canals and the construction of a water control structure (G-341).

*** Cost (Estimate):**

| | |
|-----------------------------|--------------|
| Total: | \$14,243,205 |
| (1) Project Development: | \$444,988 |
| Land Acquisition: | \$1,902,688 |
| (2) Implementation: | \$11,273,529 |
| Operations and Maintenance: | \$622,000 |

Project Schedule:

| | | | | | | | |
|----------------------------|---|---------|---------|---------|---------|---------|----------------------|
| | Expected Completion Date September 2004 | | | | | | |
| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | | | | | | | | |
|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------|---------------------|
| | Actual FY 1994-00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Projected FY 2005 | Balance to complete | Total |
| Federal | | | | | | | | |
| State | \$10,672,902 | \$450,533 | - | \$497,791 | \$2,053,979 | \$48,000 | \$520,000 | \$14,243,205 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$10,672,902 | \$450,533 | - | \$497,791 | \$2,053,979 | \$48,000 | \$520,000 | \$14,243,205 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (23) Project Development includes Design Phase [contracts & staff costs] costs.
- (24) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project name: Seminole Tribe Best Management Practices for the Big Cypress Reservation
Project ID: 1714
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Resolution

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s):

The project will result in immediate, measurable improvements in the quality of water discharged to the Everglades Protection Area. It will also provide tangible improvement of the water quality leaving the Western Basins, an area not addressed completely by the Everglades Construction Project and the Everglades Forever Act.

Project Synopsis: The Seminole Tribe has contracted with the NRCS to implement a comprehensive system of best management practices (BMP's) for all seven basins in the Big Cypress Reservation. Enhanced water management will be accomplished through BMP's that include: conservation irrigation systems; nutrient loading reduction; application procedure training; fencing of WRA's and irrigation cells as detailed in the Water Conservation Plan; cross fencing for grazing management; livestock watering facilities; grazing management plans; closed-end irrigation systems; and will function independently of the Water Conservation Project, the two will work best together to create the most benefit for the ecosystem.

Cost: Total \$4,779,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: June 1996
Finish Date: December 2004

Detailed Project Budget Information

| | 2001 | 2002 | 2003 | 2004 | 2005 | Balance to complete | Total |
|--------------|---------|---------|---------|---------|---------|---------------------------|--------------------|
| Federal | 358,425 | 358,425 | 358,425 | 358,425 | 358,425 | 716,850 | 3,584,250 |
| State | | | | | | | |
| Tribal | 119,475 | 119,475 | 119,475 | 119,475 | 119,475 | 238,950 | 1,194,750 |
| Local | | | | | | | |
| Other | | | | | | | |
| Total | | | | | | | \$4,779,000 |

Point of Contact: Craig Tepper (954) 967-3402

DATA SHEET PROFILE

Project Name: Seminole Tribe Best Management Practices for the Brighton Reservation
Project ID: 1715
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Resolution

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Implementation of BMP's will provide immediate water quality benefits for the watershed which includes Lake Okeechobee. They will also compliment a comprehensive system of surface water management works planned for the Brighton Reservation.

Project Synopsis: The Seminole Tribe has contracted with NRCS to design a comprehensive system of best management practices (BMP's) for the Brighton Reservation. Enhanced water management will be accomplished through application of field-level BMP's which might include: conservation irrigation systems; nutrient loading reduction; application procedure training; cross-fencing for grazing management; livestock watering facilities; grazing management plans; closed-end irrigation systems; and a tail-water recovery system where appropriate.

Cost: Total \$338,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: January 1998
Finish Date: December 2004

Detailed Project Budget Information

| | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------|--------|--------|--------|---------------------|------------------|
| Federal | 36,000 | 36,000 | 36,000 | 36,000 | 1,500 | 253,500 |
| State | | | | | | |
| Tribal | 12,000 | 12,000 | 12,000 | 12,000 | 500 | 84,500 |
| Local | | | | | | |
| Other | | | | | | |
| Total | | | | | | \$338,000 |

Point of Contact: Craig Tepper (954) 967-3402

DATA SHEET PROFILE

Project Name: Seminole Tribe Comprehensive Surface Water Management System for the Brighton Reservation
Project ID: 1716
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Council by Resolution

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s):

This plan would provide positive water management benefits to the Indian Prairie Basin which discharges into Lake Okeechobee. Water quality will be improved by reducing nutrient loadings through detaining discharges from Tribal lands in each group. Flood control will be enhanced through the implementation of additional sites in each sub-basin. Storage and conveyance of surface waters will be increased and enhanced in each and between sub-basins. Rehydration of slough systems in each group will also be accomplished.

Project Synopsis: A comprehensive surface water management system will be designed and implemented for the Brighton Reservation which will include supplemental irrigation, storage, improved flood control, surface water conveyance and water quality treatment.

Cost: Total \$15,818,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1999
Finish Date: 2010

Detailed Project Budget Information

| | 2001 | 2002 | 2003 | 2004 | 2005 | Balance to complete | Total |
|--------------|-----------|--------------|-------------|-------------|-------------|---------------------|-----------------|
| Federal | 20 | 4,344 | 970 | 679 | 853 | 1358 | 8374 |
| State | | | | | | | |
| Tribal | | 4,343 | 970 | 679 | 852 | 600 | 7444 |
| | | | | | | | |
| Other | | | | | | | |
| Total | 20 | 8,687 | 1940 | 1358 | 1705 | 1958 | \$15,818 |

Point of Contact: Craig Tepper (954) 967-3402

DATA SHEET PROFILE

Project Name: Seminole Tribe Water Conservation Project for the Big Cypress Reservation
Project ID: 1717
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Council Resolution / USDA WRP / PL-53-866 USDA

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): This network of surface water management structures will produce the following substantial restoration, preservation, and protection benefits and will do so immediately and independently of the completion of any other projects:

- Remove phosphorus and other pollutants from water leaving the Reservation and flowing to the Big Cypress National Preserve into Mullet Slough to the Everglades Protection Area. The removal of these pollutants will be achieved using natural treatment processes in pretreatment cells and water resource areas (WRA's). Unlike the stormwater treatment areas in the Everglades Construction Project, the Tribe's WRA's will take advantage of the natural treatment processes and will serve additional functions of water storage and conveyance.
- Rewater the Big Cypress National Preserve. This project will provide the opportunity to restore more natural hydroperiods in the Big Cypress National Preserve. The clean water sent in a sheetflow over the Preserve and into Mullet Slough will improve the hydrology in the Everglades Protection Area as well.
- Convey and store irrigation water. To make use of water provided by the SFWMD to replace the Tribe's diverted Compact water rights, the Tribe needs to be able to move and store such water, when it is available. Water conveyance improvements and irrigation storage cells will move and store the Compact water converted for Everglades restoration. This diversion allowed for treatment of water flowing to the Everglades Protection Area.
- Provide improved flood control. To prevent extended periods of flooding and to limit downstream impacts of flooding, stormwater must be controlled. Stormwater attenuation areas will detain water from large storm events.

Project Synopsis: The Seminole Tribe's Big Cypress Reservation is located in Hendry and Broward Counties, directly north of the Big Cypress National Preserve. And the federal Miccosukee Reservation. This project provides for the design and construction of water control, management, and treatment facilities in Basins 5, 6 & 7 composing the eastern portion of the Big Cypress Reservation. The project elements include conveyance systems, including major canal bypass structures, irrigation storage cells, and water resources areas. This project is designed to meet 50 ppb. phosphorus, which is the current performance level designed to be achieved by the Everglades Construction Project. Should design performance levels for phosphorus become more stringent, this project is designed to be able to incorporate additional technology to meet stricter levels. This project will enhance the hydroperiod in Big Cypress National Preserve through Mullet Slough and improve the water quality in the Everglades Protection Area.

Cost: Total \$22,452,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: 2002
Finish Date: 2012

Detailed Project Budget Information

| | 2002 | 2003 | 2004 | 2005 | Balance to complete | Total |
|--------------|------|--------------|--------------|--------------|---------------------|------------------|
| Federal | | 6,654 | 5,535 | 3,597 | 1,053 | 16,839 |
| State | | | | | | |
| Tribal | | 2,218 | 1,845 | 1,199 | 351 | 5,613 |
| Total | | 8,872 | 7,380 | 4,796 | 1,404 | \$22,4522 |

Point of Contact: Craig Tepper (954) 967-3402

DATA SHEET PROFILE

Project Name: South Florida Water Quality Protection Program and CERP Numeric Targets and Loading Analyses
Project ID: 1718
Lead Agency: Florida Department of Environmental Protection
Authority: Chapters 373, and 403, Florida Statutes

Strategic Plan Goal(s) Addressed: 1.B.3

Project A - South Florida Water Quality Protection Program

Measurable Output(s): Implementation Plan and ultimately water quality improvements. Phase I- Create document that compiles information on existing water quality protection strategies and impacts in South Florida; Phase II – Comprehensive implementation plan, with costs; Phase III – Implement the plan.

Project Synopsis: Provide integration of water quality protection efforts, including the CERP and TMDL process, at all geographical scales; Develop a compendium of the existing water quality protection strategies in South Florida; Summarize existing water quality information to determine trends and provide an overview of the sub-basin's environmental health; and Determine major pollutant sources in each sub-basin and actions currently being taken to address these sources.

The South Florida Water Quality Protection Program will recommend priority corrective actions and compliance schedules to address point and nonpoint source pollution and restore and maintain the chemical, physical and biological integrity within the south Florida ecosystem.

| | | |
|--------------|-----------------------------|-----------|
| Cost: | Total: | \$380,509 |
| | Project Development: | Unknown |
| | Land Acquisition: | Unknown |
| | Implementation: | Unknown |
| | Operations and maintenance: | Unknown |

Project Schedule:

| | |
|--------------|--|
| Start Date: | 1999 |
| Finish Date: | Phase 1 and 2: February 2003, Phase 3, upon completion |

Project B - CERP Numeric Targets and Loading Analyses

Measurable Output(s): Goal 1 – FDEP staff will provide timely guidance on water quality characterization issues that arise in the process of developing Project Implementation Reports for CERP components with water quality enhancement features.

Goal 2 – FDEP staff, with the assistance of outside contractors, will help develop scientifically based numeric water quality targets in southern Florida for water quality parameters of concern in waterbodies that lack numeric criteria in state water quality standards.

Goal 3 – FDEP staff, with the assistance of outside contractors, will use the Total Maximum Daily Load process to identify basin pollutant loading information and to help identify optimum pollutant loading in watersheds that will be effected by CERP implementation. This information will help put CERP load reductions into context of other necessary load reductions such as Best Management Practices and permit reductions. This information may also serve as a logical starting point for future FDEP TMDL efforts when the 303d schedule calls for TMDL development.

Project Synopsis: The purpose of this grant amendment is to try and mesh the State's responsibilities under Section 303d and 305b of the Clean Water Act with the ongoing implementation schedule for the Comprehensive Everglades Restoration Plan. The current schedule for the Rotating 5-Year Watershed Approach of the Bureau of Watershed Management does not fit well in all instances with the CERP schedule. This funds made available by EPA will help provide necessary staff and contractual resources to mesh the two programs in a timely fashion.

| | | |
|--------------|----------------------|-----------|
| Cost: | Total: | \$470,999 |
| | Project Development: | Unknown |

DATA SHEET PROFILE

Land Acquisition: No
Implementation: Unknown
Operations and maintenance: Unknown

Project Schedule:

Start Date: May 2001
Finish Date: September 2003

Detailed Project Budget Information

| | 2001 | 2002 | 2003 | Total |
|--------------|-------------------|-----------------|-----------------|------------------|
| Federal | \$198931.9 | \$216000 | \$370806 | \$785738 |
| State | \$32886 | \$16443 | \$16443 | \$65772 |
| Tribal | | | | |
| Local | | | | |
| Other | | | | |
| Total | \$231817.9 | \$232443 | \$387249 | \$851,510 |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: STA-1 Inflow and Distribution Works
Project ID: 1719
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: 1.B.3

Measurable Output(s): Phosphorus levels in outflows from the STA are at or below the interim target of 50 parts per billion.

Project Synopsis: STA-1 Inflow and Distribution Works is located in Western Palm Beach County, just north of the Water Conservation Area No. 1 (Loxahatchee National Wildlife Refuge). This project redirects the discharge from S-5A Pump Station via the L-40 and L-7 Borrow Canals to STA-1 West and STA-1 East. The project scope includes the construction of three water control structures (G-300, G-301, G-302), future water control structure G-311, and associated bypass canals, a separation levee extending from L-7 to L-40 and an inflow canal and perimeter levee leading to the STA-1W project.

*** Cost (Estimate):**
 Total: \$11,223,396
 (1) Project Development: \$986,818
 Land Acquisition: \$0
 (2) Implementation: \$10,236,578
 Operations and Maintenance: Included with STA-1 West

Project Schedule:

Expected Completion Date: September 2003 (including structure G-311, inflow structure for STA-1E)

| | FY 1994 - FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 - FY 2014 |
|-------------------------------|----------------------|---------|---------|---------|---------|---------|----------------------|
| Project Development | | | | | | | |
| Land Acquisition | | | | | | | |
| Implementation | | | | | | | |
| Operations and Maintenance | | | | | | | |

*** Detailed Project Budget Information**

| | Actual FY 1994- 00 | Projected FY 2001 | Projected FY 2002 | Projected FY 2003 | Projected FY 2004 | Balance to complete | Total |
|--------------|--------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|---------------------|
| Federal | | | | | | | |
| State | \$8,429,829 | \$364,120 | \$1,281,019 | \$1,148,428 | - | - | \$11,223,396 |
| Tribal | | | | | | | |
| Local | | | | | | | |
| Other | | | | | | | |
| Total | \$8,429,829 | \$364,120 | \$1,281,019 | \$1,148,428 | - | - | \$11,223,396 |

***Cost data supplied above is based on the October 2001 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through June 30, 2001.**

- (25) Project Development includes Design Phase [contracts & staff costs] costs.
- (26) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: MaryLou Cariello (561) 682-6454

DATA SHEET PROFILE

Project Name: Allapattah Flats/Ranch
Project ID: 2100
Lead Agency: Department of Environmental Protection/South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Secondary: 1.A.1

Measurable Output(s): Target 34,221 Acres

Project Synopsis: The Allapattah Flats/Ranch project covers 34,221 acres in western Martin County. The site is dominated by poorly drained flatwoods soils, which are saturated for much of the wet season. Historically, this area was a flatwoods matrix, interspersed with depression marshes and wet prairies. With the exception of the four northern sections that drain to Canal-23, the entire site drains slowly to the southeast to the South Fork of the St. Lucie River. Over the past 30 years, the project area has undergone a change in land use from native range grazing to improved pasture, sod farms, and row crops. Most of the understory has been cleared and planted in non-native pasture grasses. Most of the depression marshes remain; however, most of the wet prairies have been drained and the extreme western boundary. There is good species diversity and many large trees remain.

Restoration of Allapattah Flats will play a key role in the effort to reduce flows from C-23 into the St. Lucie Estuary. Regional attenuation facilities, or Water Preserve Areas, are proposed which would store discharges into the St. Lucie Estuary. After acquisition, about 8,000 acres of the project adjacent to C-23 would be converted to a reservoir to provide approximately 32,000 acre-feet of water storage. Estimates indicate that this would reduce wet season stormwater flows into the estuary by 39%. It is estimated that an additional 14% reduction in discharge to the estuary could be achieved by not draining the property. Completely eliminating stormwater discharges is not possible; however, significant reductions could probably be made by blocking existing drainage ditches.

The Florida Fresh Water Fish and Wildlife Commission would be the lead manager for the non-reservoir areas. The District will take the lead on all hydrologic restoration efforts.

| | | |
|--------------|----------------------------|--|
| Cost: | Total: | Project size 34,221 0 acres have been acquired |
| | Project Development | |
| | Land Acquisition: | Assessed value of \$75,594,990 |
| | Implementation | |
| | Operations and Maintenance | |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1997 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|------|------|------|------|---------------------------|---------------------|
| Federal | | | | | | | \$75,594,990 | \$75,594,990 |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | \$75,594,990 | \$75,594,990 |

*This total includes Comprehensive Plan Implementation lands.

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Atlantic Ridge Ecosystem
Project ID: 2101
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 15,032 Acres

Project Synopsis: The project area is located in southern Martin County, between I-95 and U.S. 1. The project area includes approximately 15,032 acres, which is extremely diverse ecologically. It contains large areas of forested sloughs and high quality flatwoods, as well as one of the largest remaining islands of coastal scrub. The current land use is mostly cattle grazing on unimproved pasture with intense agriculture and residential development occurring around the edges of the project area. However, the project also contains extensive wetland and upland systems.

The purpose of this project is to conserve and protect the high quality habitats and to protect water quality of the South Fork of the St. Lucie River and the North Fork of the Loxahatchee River. The project area forms the headwaters to these rivers and the extensive wetland systems provide a source of groundwater base flow to both rivers. This project will conserve and protect significant habitat for endangered and threatened species such as the Florida scrub jay, the Florida sandhill crane, and the Florida scrub lizard. The area is extremely important for aquifer recharge and water supply to the coastal portion of Martin County.

Cost: Total: Project size 15,032
 12,684 acres have been acquired at a cost of \$51.3 million
 Project Development
 Land Acquisition: 2,348 acres remaining to be acquired
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1995
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$51,300 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$51,300 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Babcock Ranch
Project ID: 2102
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 91,361 acres

Project Synopsis: The Babcock Ranch project consists of approximately 91,361 acres in Charlotte and Lee counties. Acquisition of would assist in the creation of a wildlife corridor that would span from Lake Okeechobee to the Gulf of Mexico. The majority of the project area consists of mesic flatwoods with the center of the project dominated by Telegraph Swamp. This ten thousand acre swamp drains most of the project area. Portions of the project provide habitat for the endangered red-cockaded woodpecker, crested caracara, and numerous other plants and animals. The project is proposed primarily as a less-than-fee simple acquisition a portion of the project will be acquired in full fee title. The evaluation team visited the project on September 25, 2001.

The majority of the Babcock Ranch project lies in southeastern Charlotte County; a small part extends into northeastern Lee County. It is contiguous with Fred C. Babcock-Cecil M. Webb Wildlife Management Area (Babcock-Webb WMA) for approximately 6 miles (mostly Babcock Family Reserve portion; proposed Curry Lake conservation easement is contiguous for 0.75 mile) on the west, Fisheating Creek Florida Forever project for approximately 3 miles on the east, and Caloosahatchee Regional Park for approximately 1.5 miles on the south. Bright Hour Watershed conservation easement is situated approximately 12 miles to the north, Hall Ranch Florida Forever project (contiguous with Babcock-Webb WMA) is contiguous with the Babcock Family Reserve portion for approximately 3 miles (it is ca. 4 miles to the northwest of the proposed Curry Lake conservation easement), Hickey Creek Mitigation Park Wildlife and Environmental Area is located less than 1.5 miles to the south, Moya Sanctuary is located less than 1 mile east of the southeast boundary of the proposal, and the Caloosahatchee Ecoscape Florida Forever project and Okaloacoochee Slough State Forest lie 10.5 miles and 15 miles, respectively, to the southeast.

Cost: Total: Project size is 91,361 acres
 Project Development
 Land Acquisition: 91,361 acres remaining to be acquired. The 2001 tax assessed value is estimated at \$52,527,237.
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2001
 Finish Date: Upon completion

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | |
| Real Estate | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------|------|------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Barfield Farms Land Acquisition
Project ID: 2103
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,367 Acres

Project Synopsis: Barfield Farms is located in extreme southwestern Hendry County, along the edge of Okaloacoochee Slough, and immediately north of the Big Cypress National Preserve. The owner proposes two sections, approximately 1,367 acres, for sale as a conservation easement. The property consists of cypress-dominated strand swamp, deep spike rush/pickerelweed marshes, and maple/cabbage palm hydric hammocks. The owner reports that panthers frequently use the property, and Florida Fish and Wildlife Conservation Commission has designated it Priority 1 panther habitat. The total project acreage is 1,367 acres. No acreage has been acquired to date.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1998 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project name: Belle Meade
Project ID: 2104
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 27,200 Acres

Project Synopsis: This area of 27,200 acres, includes some of the most extensive examples of mature old-growth hydric pine flatwoods in southwest Florida not within other Florida Forever projects. The hydrology of the hydric pine flatwoods and dwarf cypress communities within the project is relatively intact. Three archaeological sites have been recorded within the project boundaries, and additional sites may be present. The area is vulnerable to changes in the timing and amount of water flowing through it. Residential and commercial development spreading from Naples threatens it.

Cost: Total: Project size 27,200 acres
17,327 acres have been acquired at a cost of \$34.1 million
Project Development
Land Acquisition: 9,873 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1993
Finish Date: Upon completion

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$34,100 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$34,100 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Big Bend Swamp/Holopaw Ranch
Lead Agency: Florida Department of Environmental Protection
Project ID: 2105
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 54,425 acres

Project Synopsis: Many kinds of wildlife in the expanses of palmetto prairies, pine flatwoods, and cypress swamps in Osceola County. The Big Bend Swamp project will acquire certain rights from landowners to maintain a link of natural lands between the Bull Creek and Three Lakes Wildlife Management Area, and help the ensure survival of caracara, red-cockaded woodpeckers, sandhill cranes, and other wildlife that require these large natural areas.

Cost: Total: Project size 54,425 acres with none acquired.
Project Development
Land Acquisition: The tax assessed value is estimated at \$28,190,776
Implementation
Operations and maintenance

Project Schedule:
Start Date: 2000
Finish Date:

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Biscayne Coastal Wetlands Land Acquisition
Project ID: 2106
Lead Agency: Miami-Dade County, Florida Communities Trust, and South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 2,241 Acres

Project Synopsis: The Biscayne Coastal Wetlands are divided into three units that are 2,241 acres. The units lie east of L-31E canal, and adjacent to other protected lands acquired as part of Biscayne National Park and Homestead Bayfront Park. All are a mixture of red, black and white mangroves. The three units appeared to be in good condition and relatively exotic-free, except along the western edge and along mosquito ditches, where there are Brazilian Pepper and Australian Pine. Acquisition of these areas would add another layer of protection to Biscayne National Park and provide opportunities for a better distribution of fresh water from L-31E. This project consists of 2,241 acres. Miami-Dade has acquired 67 acres and has received a matching grant from the Florida Communities Trust. The SFWMD is an acquisition partner with the County. Some of the properties in this land acquisition project are necessary for the L-31E Flow Redistribution Project.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | \$2,961,668 (Miami-Dade County estimate; SFWMD does not make cost projections on remaining acres to be acquired for SOR projects) |
| | Project Development | N/A |
| | Land Acquisition | \$2,961,668 (Miami-Dade County estimate; SFWMD does not make cost projections on SOR projects) |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1998 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total* |
|--------------|-----------------|----------|----------------|------|----------------|------|---------------------------|------------------|
| Federal | | | | | | | | |
| State | | | 153,500 | | | | 846,500 | 1,000,000 |
| Tribal | | | | | | | | |
| Local | 566,097 | | | | 525,571 | | | 1,091,668 |
| Other | | | | | | | | |
| Total | 566,097 | 0 | 153,500 | | 525,571 | | 846,500 | 2,091,668 |

* Miami-Dade County estimate; SFWMD has committed \$1,000,000 for land acquisition and associated costs.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Bombing Range Ridge
Project ID: 2107
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 39,073 acres

Project Synopsis: Public acquisition of the 39,073 acre Bombing Range Ridge project will conserve and protect significant habitat for native species and endangered and threatened species. Additionally, public acquisition will provide areas, including recreational trails for natural resource based recreation.

Cost: Total: Project size 39,073 with none acquired.
Project Development
Land Acquisition: Estimated tax assessed value of \$13,674,995
Implementation
Operations and maintenance

Project Schedule:
Start Date: 1998
Finish Date: Upon completion

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Caloosahatchee Ecoscape
Project ID: 2108
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 15,391 Acres

Project Synopsis: The project encompasses a mosaic of wet prairie, cypress basin and dome swamp, mesic flatwoods, wet flatwoods, depressional marshes and scrub. Clearing and drainage from improved pasture development or farming have impacted the majority of the natural communities on the site. Despite the disturbed plant communities, the project provides important habitat for a variety of listed wildlife species. Most of the land is within the Barron Water Control District and canals have altered the natural hydrology to the extent that no significant natural water resources remain. Eleven archaeological sites are known from the project area; some with material dated to the archaic period.

| | | |
|--------------|----------------------------|--|
| Cost: | Total: | Project size 15,391 acres. No acres have been acquired |
| | Project Development | |
| | Land Acquisition: | 15,391 acres remaining to be acquired |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1998 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$ 0 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Catfish Creek
Project ID: 2109
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 10,609 Acres

Project Synopsis: Catfish Creek is a diverse natural area extending over high scrub ridges, interspersed with lakes, next to the pristine shore of Lake Pierce. Natural communities include sandhill, scrub, scrubby flatwoods, mesic flatwoods, xeric hammock, bottomland hardwood forest, basin swamp, sandhill upland lake, wet flatwoods, blackwater stream, seepage slopes, and floodplain swamp, all are in excellent condition. The tract harbors at least 18 state listed rare plant and animal species. Rare or endangered animals include the bald eagle, wood stork, gopher tortoise, and scrub jay.

Cost: Total: Project size 10,609 acres.
4,313 acres have been acquired at a cost of \$9.1 million.
Project Development
Land Acquisition: 6,296 acres remain to be acquired
Implementation
Operations and maintenance

Project Schedule:
Start Date: 1990
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$9,100 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$9,100 | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Cayo Costa
Project ID: 2110
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,932 Acres

Project Synopsis: The project area, involving 1,932 acres, includes Cayo Costa and North Captiva, both part of a small chain of barrier islands that provide protection for Charlotte Harbor, one of Florida's most productive estuaries. The natural communities within the project are in excellent condition and have high species diversity; some may be unique to these islands. This project contains several archaeological and historical sites. Cayo Costa Island is subdivided into small lots and is threatened by rapid residential development.

Cost: Total: Project size 1,932
1,890 acres acquired at a cost of \$27.6 million
Project Development
Land Acquisition 42 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1980
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$27,600 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$27,600 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Charlotte Harbor Estuary/Flatwoods/Cape Haze
Project ID: 2111
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 18,708 Acres

Project Synopsis: The project area, located northwest of Fort Myers in Charlotte and Lee Counties, includes 18,708 acres containing the largest and highest quality slash-pine flatwoods left in Southwest Florida. The area contains pockets of old growth that provide habitat for red-cockaded woodpeckers, black bears, and bald eagles, and an occasional Florida panther ranges in the area. Additionally, the tract provides habitat for rare plant communities. Several drainages flow through these flatwoods into the Charlotte Harbor Aquatic Preserve.

Cost: Total Project size 54,281
49,591 acres acquired at a cost of \$52.6 million
Project Development
Land Acquisition 4,690 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1986
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$52,600 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$52,600 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Corkscrew Regional Ecosystem Watershed
Project ID: 2112
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 59,008 Acres

Project Synopsis: The CREW covers nearly 59,008 acres in Lee and Collier counties and is located at the top of the western Big Cypress watershed. It conveys surface water to private, State, and federally protected natural areas, including Corkscrew Swamp Sanctuary, Florida Panther National Preserve, and the Everglades National Park. The area supports populations of at least two species of rare and endangered orchids and includes an unusual stand of dwarf bald cypress. Land management will be carried out the SFWMD and the FGFWFC under contract with the SFWMD.

Hydrologic restoration of the CREW restore and protect important habitat for the Florida Panther and the Florida Black bear and will protect the quality of water delivered to Corkscrew Swamp Sanctuary, Florida Panther National Preserve, ENP, and Estero Bay. NOTE: Lee County has agreed to cost share this project by purchasing properties equaling the \$10,000,000 appropriated. These properties have been turned over to the SFWMD for management with the balance of the project.

| | | |
|--------------|------------------------------------|---------------------------------------|
| Cost: | Total: | Project size 59,008 acres |
| | 24,877 at a cost of \$22.8 million | |
| | Project Development | |
| | Land Acquisition | 34,131 acres remaining to be acquired |
| | Implementation | |
| | Operations and Maintenance | |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1991 |
| Finish Date: | Upon completion |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|---------------|------|------|------|---------------------------|------------|
| Federal | | | \$2,600 | | | | | |
| State | | | \$20,200 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 22,800 | | | | | TBD |

*This total includes Comprehensive Plan Implementation lands.

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Corkscrew Regional Mitigation Bank Land Acquisition
Project ID: 2113
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 633 Acres

Project Synopsis: The Corkscrew Regional Mitigation Bank is located in southern Lee County, along Corkscrew Road (SR 850). It is adjacent to Lee County's Stairstep Mitigation Areas, which has been established to offset impacts associated with the Southwest Florida Regional Airport. The total project acreage is 633 acres. This project has been completed.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$2,600,000 |
| | Project Development | N/A |
| | Land Acquisition | \$1,159,040 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1995 |
| Finish Date: | 1999 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| State | 2,600 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 2,600 | | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Coupon Bight/Key Deer Big Pine Key
Project ID: 2114
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 3,452 Acres

Project Synopsis: The project encompasses virtually all of the undeveloped land between the Coupon Bight Aquatic Preserve and the National Key Deer Refuge on Big Pine Key. It includes the only significant sources of freshwater in the lower Keys which are critical to the survival of the endangered Key Deer. The Pine Rocklands are the best remaining anywhere. The project is habitat for 24 FNAI special plant species and 41 FNAI listed animal species.

Cost: Total Project size 3,452 acres
1,371 acres have been acquired at a cost of \$17.3 million
Project Development
Land Acquisition 2,081 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1985
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$17,300 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$17,300 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Cypress Creek/Trail Ridge Land Acquisition
Project ID: 2115
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 13,788 Acres

Project Synopsis: Cypress Creek/Trail Ridge is in southwestern St. Lucie County. It is divided into three major tracts that lie north and south of State Road 70. Two tracts (Cypress Creek portion) are contiguous and the third (Trail Ridge) is not. The project gets its name from a large forested wetland system that once extended along the entire eastern edge of the Orlando Ridge south of Indian River County, through Allapattah Flats, and drained into the South Fork St. Lucie River. The Cypress Creek portion is also a CARL project. In 1998, St. Lucie County acquired 3,285 acres through their environmentally sensitive lands program. The total project size is 13,788 acres of which no acreage has been acquired by the state.

| | | |
|--------------|----------------------------|---|
| Cost: | Total: | SFWMD will handle this acquisition project as art of the CERP IRL Project, C-23/24 Basin Component. |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1997 |
| Finish Date: | Upon Completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|---------|--------------|------|------|------|------|------|---------------------|-------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

*Refer to CERP component for acquisition schedule.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Dupuis Reserve Land Acquisition
Project ID: 2116
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 21,875 Acres

Project Synopsis: The Dupuis Reserve encompasses 21, 875 acres in northwestern palm beach and southwestern martin Counties. The property is interspersed with numerous ponds, wet prairies, cypress domes, pine flatwoods, and remnant Everglades marsh. Dupuis is actively managed by the District and the Florida Fish and Wildlife Conservation Commission. Numerous public use opportunities are available, including hiking, horseback riding, hunting, fishing, and bicycling. Total project acreage is 21,875 acres. This project has been completed.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$23,016,601 |
| | Project Development | N/A |
| | Land Acquisition | \$23,016,601 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1985 |
| Finish Date: | 1986 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|-----------------|------|------|------|------|------|---------------------|-------------------|
| Federal | | | | | | | | |
| State | 23,016.6 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 23,016.6 | | | | | | | \$23,016.6 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: East Coast Buffer/Water Preserve Areas
Project ID: 2117
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District/
 U.S. Department of the Interior
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 70,883 Acres

Project Synopsis: The East Coast Buffer/Water Preserve Areas project involves acquisition of land parcels located along the eastern side of the Everglades Protection Area in western Palm Beach, Broward, and Miami-Dade Counties. Most of the lands in this project area are undeveloped, including a considerable amount of wetland habitat. Current land uses include very low intensity development, pastureland, and limestone mining. The original East Coast Buffer footprint was based on a land suitability analysis which selected lands primarily on the basis of those needed for controlling seepage from the Everglades. Since the original analysis, it has been determined that there are additional water storage and water quality treatment (e.g., S-9) requirements that will require more land. Some specific land parcels have already been identified; the precise acreage and locations for additional parcels needed for water storage and water quality treatment are being identified under the C&SF Project Comprehensive Review Study: Comprehensive Plan, Water Preserve Areas, and L-28 Feasibility Study. Parcels already targeted for acquisition include (1) remaining P2000 lands (12,650 acres); (2) remaining lands within the Pennsuco wetlands; and (3) the buffer/flow-way in the western 8.5 Square Mile Area (1,065 acres).

These lands are needed to implement the Everglades restoration plans being developed under the C&SF Project Comprehensive Review Study: Comprehensive Plan, Water Preserve Areas, and L-28 Feasibility Study. The ECB/WPA will consist of a series of surface-water areas that are interconnected and managed as a system of marshlands, reservoirs, water quality treatment areas, and/or aquifer recharge basins. The overall purposes of the project are to: (1) hold more water in the system by controlling seepage from the Everglades; (2) capture, store, and clean up excess stormwater currently lost to tide; (3) provide a buffer between the urban area and the Everglades; and (4) protect and conserve wetlands and habitat values outside the remaining Everglades. Restoration benefits include improved water supply for restoring hydropatterns of the Everglades, improved water quality and preservation of wetland habitat.

Because of the extreme development pressure in this area, it is critical that this project be completed as quickly as possible before target parcels are developed or permitted for development.

Cost: Total: Project size 70,883 acres
 35,836 acres have been acquired at a cost of \$112 million.
 Project Development
 Land Acquisition: 35,047 acres remaining to be acquired
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1994
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|----------------|------|------|------|------------------------|------------|
| Federal | | | \$37,900 | | | | | |
| State | | | \$74 ,000 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 111,900 | | | | | TBD |

*This total includes Comprehensive Plan Implementation lands.

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Estero Bay
Project ID: 2118
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 16,740 Acres

Project Synopsis: Much of the Estero Bay Project is comprised of wetlands fronting Estero Bay (mangrove swamp, salt marsh, and salt flats). These communities provide nutrients to the Bay, contributing substantially to its biological productivity. The Bay, one of the most productive estuaries in the State, supports a diversity of wildlife, including the federally endangered bald eagle. These communities provide an important nutrient for the Bay, thus contributing to biological productivity. The wetlands are in a natural condition and help maintain high quality of water in the Estero Bay Aquatic Preserve. The project also includes the largest remaining block of rosemary scrub in southwest Florida. Several archaeological sites attributed to the Calusa Indians and their prehistoric ancestors are known to be within the project area. The project is threatened by the rapid residential development in the area.

Cost: Total Project size 16,740 acres
 7,568 have been acquired at a cost of \$ 8.3 million.
 Project Development
 Land Acquisition 9,172 acres to be acquired
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1985
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$8,300 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$8,300 | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Everglades Agricultural Area (EAA) / Talisman Land Acquisition
Project ID: 2119
Lead Agency: South Florida Water Management District/U.S. Department of the Interior
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 50,719 Acres

Project Synopsis: This acquisition consisted of 50,719 acres in the EAA purchased at fair market value from willing sellers. The purpose of this project was to acquire strategically located lands in the EAA to be used for regional water storage, detention, and water quality treatment facilities. Ecosystem restoration benefits include: regional water storage that would reduce water currently lost to tide and make it available for hydropattern restoration in the Everglades; pollution prevention through reduction of phosphorus loads; reduced loading of nutrients and other pollutants through implementation of water quality treatment facilities; reduced subsidence; and avoidance of adverse flooding of WCAs and tribal lands during wet years.

| | | |
|--------------|----------------------------|---------------|
| Cost: | Total* | \$133,584,552 |
| | Project Development | N/A |
| | Land Acquisition | \$133,584,552 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1997 |
| Finish Date: | 1999 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total* |
|--------------|--------------------|------|------|------|------|------|---------------------------|--------------------|
| Federal | 102,626.8 | | | | | | 0 | 102,626.8 |
| State | 30,957.2 | | | | | | 0 | 30,957.2 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$133,584.5 | | | | | | 0 | \$133,584.5 |

*The total includes Comprehensive Plan Implementation lands.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name Fakahatchee Strand
Project ID: 2120
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 80,231 Acres

Project Synopsis: Fakahatchee Strand is located in Collier County. Of the subtropical swamps in South Florida, Fakahatchee Strand is perhaps the most significant, being the richest in orchids and other rare tropical plants. It is the most critical to the survival of the Florida panther, and the most important for the mangrove swamps of the Ten Thousand Islands. The project area is probably the best example of the strand swamp found in the United States. It is linked hydrologically to the Everglades system and is important to the estuarine ecosystem of the Ten Thousand Islands.

Cost: Total: Project size 80,231
 60,723 acres have been acquired at a cost of \$21.2 million be acquired
 Project Development
 Land Acquisition: 19,508 acres remaining to be acquired
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1980
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$21,200 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$21,200 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Fisheating Creek
Project ID: 2121
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 168,360 Acres

Project Synopsis: Fisheating Creek, the only free-flowing tributary to Lake Okeechobee, is an extensive riverine swamp flowing through Glades County and emptying into the Lake. The total project area is 168,360 acres. Currently, none of this acreage is in public ownership. The project area contains relatively undisturbed upland and wetland habitats that serve as habitat for the endangered Florida Panther and a number of threatened species, including the Florida black bear, the bald eagle, the Florida scrub jay, and the Florida sandhill crane. The federally listed wood stork and state listed white ibis are known to use the area.

This acquisition will preserve the water quality and critical habitat of this large watershed. Additionally, the acquisition will provide both hydrologic and water quality benefits for Lake Okeechobee, located downstream. When states in Lake Okeechobee are high, Fisheating Creek serves as an important feeding area for wading birds, which typically use the lake marshes. Restoration requirements would be minimal if any, as most of the property remains in a natural state.

Cost: Total: Project size 168,360 acres
51,475 acres have been acquired at a cost of \$46.5 million.
Project Development
Land Acquisition 116,885 remaining to be acquired
Implementation
Operations and Maintenance

Project Schedule:

Start Date: 1999
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|---------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$46,500 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 46,500 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Florida Keys Ecosystem
Project ID: 2122
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 7,611 Acres

Project Synopsis: This project, in conjunction with the Complete National Key Deer Refuge proposal, includes the remaining 7,611 acres of tropical hardwood hammocks and pine rocklands of significant size and quality remaining in the Florida Keys from southern Key Largo to Sugarloaf Key.

Cost: Total: Project size 7,611 acres
1,987 acres have been acquired at a cost of \$35.2 million.
Project Development
Land Acquisition: 5,624 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1992
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|---------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$35,200 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 35,200 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Frog Pond/L-31N Land Acquisition
Project ID: 2123
Lead Agency: Florida Department of Environmental Protection, South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 10,600 Acres

Project Synopsis: The Frog Pond and L-31N Transition Lands are located in south Miami-Dade County. The total project size is 10,600 acres of which 9,570 have been purchased. 1,030 acres remaining to be acquired. The project includes 5,200 acres of agricultural lands known as the Frog Pond and 5,250 acres of "transitional" lands" located east of L-31N. All of these project lands are necessary for the C-111 Project.

| | | |
|--------------|----------------------------|---|
| Cost: | Total* | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

Start Date: 1994
 Finish Date:

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total* |
|--------------|-----------------|------|---------------|------|------|------|---------------------------|------------|
| Federal | | | \$4,700 | | | | | |
| State | | | \$76,000 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 80,700 | | | | | TBD |

*This total is included in the cost estimate for the C-111 Project.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Indian River Lagoon Blueway
Project ID: 2124
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 5,136 Acres

Project Synopsis: This project consists of two tracts on Hutchinson Island, in St. Lucie County, totaling 5,136 acres. Approximately 87% of the two tracts are wetlands, dominated by red and black mangroves, with a few freshwater wetlands.

This acquisition is part of a larger effort by several counties in both the SFWMD and St. Johns River WMD to protect, preserve and restore the Indian River Lagoon. These lands represent the only two undeveloped parcels along the Indian River in St. Lucie County that are not in public ownership. Mosquito control impoundments are present on both tracts. Public ownership of these parcels would allow installation of operable water control structures that allow flushing of the mosquito control impoundments during most of the year. This flushing will provide an important source of mangrove detrital matter, which is critical to the health of the estuary. Public ownership will also prevent aerial applications of chemical pesticides for mosquito control.

In 1997, protection was expanded to include lands in Martin County as well.

Cost: Total: Project size 5,136 acres
 1,332 acres have been acquired at a cost of \$19.5 million
 Project Development
 Land Acquisition: 3,804 acres remaining to be acquired
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1998
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | \$3,300 | | | | | |
| State | | | \$16,100 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$19,400 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Juno Hills
Project ID: 2125
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 440 Acres

Project Synopsis: This 440-acre site in Palm Beach County contains one of the largest and best remaining examples of the now rare coastal scrub. The extremely rare four-petal pawpaw, known only from a few sites in the Southeast Florida coastal scrub, and at least three other rare species of scrub plants occur in the Juno Hills project. Such rare animals as the scrub jay, scrub lizard, gopher tortoise, and red widow spider also inhabit the scrub here. Endangered sea turtles nest on the Atlantic beach/dune portion of the property. A remnant portion of coastal hammock is located west of the dune system. Scrubby slash pine flatwoods, disturbed basin swamps, and estuarine tidal swamps cover parts of the project area.

Cost: Total Project size 440 acres.
 336 acres have been acquired at a cost of \$15 million
 Project Development
 Land Acquisition 104 acres remaining to be acquired
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1994
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$15,000 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$15,000 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Kissimmee-St. Johns Connector
Project ID: 2126
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 36,216 Acres

Project Synopsis: Encompassing the watersheds of the Kissimmee and St. Johns Rivers, the Kissimmee-St. Johns Connector project will provide an approximately 36,216 acre hydrological and habitat connection. Though most of the area has been farmed and ranched for years many of the natural communities are in fair condition. Portions of the project provide habitat for Florida sandhill crane, crested caracara, hard ferns and numerous other plants and animals. The project is proposed primarily as a less-than-fee simple acquisition. The evaluation team visited the proposal area on September 18, 2001.

The project lies in northeastern Okeechobee and southwestern Indian River counties. It is contiguous with the Ordway-Whittell Kissimmee Prairie Sanctuary (OWKPS) to the west and the Fort Drum Marsh Conservation Area to the east. Kissimmee Prairie Preserve State Park lies immediately to the west of the OWKPS.

Cost: Total: The project consists of approximately 34,668 acres
 The 2001 tax assessed value is estimated at \$28,065,895.
 Project Development
 Land Acquisition 34,668 acres remaining to be acquired.
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2001
 Finish Date: Upon completion

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|---------------------|------|------|------|------|------|---------------------------|-------|
| Federal | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Kissimmee River (Lower Basin) Land Acquisition
Project ID: 2127
Lead Agency: South Florida Water Management District
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 62,628 Acres

Project Synopsis: The Lower Basin project includes those lands in the historic river floodplain and along the C-38 canal in Pools B, C and D that are required for the Kissimmee River Restoration Project. It also includes lands outside the boundaries of the restoration project in Pools A and E. The total project size is 62,628 acres of which 54,934 acres have been acquired. 7,694 acres remaining to be acquired

| | | |
|--------------|----------------------------|---|
| Cost: | Total* | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1985 |
| Finish Date: | 2007 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total* |
|--------------|-----------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$60,900 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$60,900 | | | | | TBD |

*Please note all lands are included in Kissimmee River Project.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Kissimmee River (Upper Basin) Land Acquisition
Project ID: 2128
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Acres Acquired

Project Synopsis: The Upper Basin project includes lands along the shoreline of Lake Okeechobee for hydropattern restoration and regulation of Lake Okeechobee to increase the water storage capacity of the Lake for release into the Kissimmee river. The land acquisition project total is 33,919 acres of which 27,299 acres have been purchased.

| | | |
|--------------|----------------------------|---|
| Cost: | Total* | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1990 |
| Finish Date: | 2007 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total* |
|--------------|-----------------|------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | 29,758.8 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 29,758.8 | | | | | | | TBD |

*The total includes Kissimmee River Restoration Project Lands.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Lake Wales Ridge Ecosystem
Project ID: 2129
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 12,770 Acres

Project Synopsis: The proposed refuge was authorized in November 1992 and would comprise 12,770 in Osceola and Polk Counties. The area forms the headwaters boundary between the Kissimmee River basin and the Peace River basin. It is the oldest terrestrial ecosystem in the southeast region of the US, and is probably the most threatened ecosystem in South Florida due to citrus conversion, residential housing construction, and commercial development. It supports 24 species of endangered, threatened, and candidate plant species as well as four threatened or endangered animal species. 12,861 acres have been acquired to date.

Cost: Total Project size 12,770 acres within SFWMD
 8,938 acres acquired at a cost of \$19.1 million
 Project Development
 Land Acquisition Estimate \$6.1 million needed to acquire the remaining 3,832 acres
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1992
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|------|------|------|------|---------------------------|-----------------|
| Federal | | | | | | | | |
| State | \$19,100 | | | | | | \$6,100 | \$25,200 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$19,100 | | | | | | \$6,100 | \$25,200 |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Lake Walk-in-Water Land Acquisition
Project ID: 2130
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 4,615 Acres

Project Synopsis: The Lake Walk-in-Water project covers land between the northeast shore of lake Weohyakapka (Walk-in-Water) and SR60. The retirement communities of Nalcrest and Fedhaven border the property to the west and the community of Indian Lake Estates lies to the south. The project has extensive frontage along SR60 and Lake Water-in-Water and contains a large expanse of dry prairie, interspersed with small, isolated depression marshes a very large basin marsh along the highway, and large pine stands that have grown back since being logged in the 1920s. In 1999, the District and Polk County partnered to make the initial 4,000 acre purchase. The project is historically significant to Polk of Sumica. Polk county actively managing the property with financial assistance from the District. The total project acreage is 4,615 acres of which 4,009 acres have been acquired.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1995 |
| Finish Date: | Upon completion |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| State | 1,975 | | | | | | | |
| Tribal | | | | | | | | |
| Local | 1,975 | | | | | | | |
| Other | | | | | | | | |
| Total | 3,950 | | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Loxahatchee River Land Acquisition
Project ID: 2131
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,936 Acres

Project Synopsis: This 1,936-acre project connects to the southern end of Jonathan Dickinson State Park, and contains lands in Palm Beach and Martin Counties. The project includes the historic floodplain of the Northwest Fork of the Loxahatchee River, a National Wild and Scenic River.

The purpose of this project is to protect the outstanding natural and cultural values of Florida's only federally designated Wild and Scenic River. Public ownership of this property will prevent direct disruption of surface and groundwater flows to the northwest Fork, and increase minimum flows to the Loxahatchee River, which will affect downstream movement of the saltwater wedge during dry conditions.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$11,927,120 |
| | Project Development | N/A |
| | Land Acquisition | \$11,927,120 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1984 |
| Finish Date: | 2001 |

Project is completed.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Loxahatchee Slough Land Acquisition
Project ID: 2132
Lead Agency: South Florida Water Management District
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 15,200 Acres

Project Synopsis: The Loxahatchee Slough Project is located in Palm Beach County and covers approximately 15,200 acres. It contains a mixture of habitat types, including pine flatwoods, cypress forest, and wet prairie. The present land use is native range. These lands are adjacent to the Loxahatchee Slough Corridor, an area that has been pledged for protection by the current landowner. Palm Beach County will lead the land management effort for this project.

The purpose of this project is to provide additional wetland and upland buffer to the Loxahatchee Slough Corridor and to preserve critical foraging and nesting sites for wildlife in an area that is undergoing rapid urban development. This system is important for storing surface water runoff and providing groundwater base flow to Canal 18 and the Loxahatchee River. The slough, which is the initial headwaters of the Loxahatchee River, can also spill over to the south and contribute to the Everglades watershed under certain hydrologic conditions.

Palm Beach County purchased 10,300 acres of this project in 1996.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$21,000,000 |
| | Project Development | N/A |
| | Land Acquisition | \$21,000,000 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1996 |
| Finish Date: | 2002 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|--------------|--------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | 3,750 | 625 | 625 | | | | | |
| Tribal | | | | | | | | |
| Local | 13,000 | 1,500 | 1,500 | | | | | |
| Other | | | | | | | | |
| Total | 16,750 | 2,125 | 2,125 | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: McDaniel Ranch Land Acquisition
Project ID: 2133
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 7,000 Acres

Project Synopsis: McDaniel Ranch covers nearly 23,000 acres in southeastern Hendry County. Total project acreage is 7,000 acres. The property owners have approached the District about selling a conservation easement in conjunction with an application for a surface water management permit. As proposed, the conservation easement would include only those lands not required for the surface water management system. The easement would grant the McDaniel family the following rights: timber management, cattle grazing, lease hunting and eco-tourism. No acreage has been acquired to date.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR project |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR project |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 2000 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|-----------------|------|------|------|------|------|---------------------------|-------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Miami-Dade County Archipelago
Project ID: 2134
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 856 Acres

Project Synopsis: This project includes 856 acres in Miami-Dade County and contains some of the most outstanding examples of rockland hammock that remain in Miami-Dade County, as well as the best remaining examples of the highly endangered pine rockland natural community outside of Everglades National Park. The Miami Rockridge Pinelands sites located within the County's urban development boundary are considered upland and developable. All sites are zoned residential, agricultural, or general use. The trees and endemics are also sensitive to adjacent development and agricultural activities.

Cost: Total Project size 856 acres
 375 acres have been acquired at a cost of \$24.3 million
 Project Development
 Land Acquisition 481 acres remaining to be acquired.
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1994
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|----------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | \$8,200 | | \$24,300 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$8,200 | | \$24,300 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Model Lands Land Acquisition
Project ID: 2135
Lead Agency: South Florida Water Management District, Miami-Dade County
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 44,999 acres

Project Synopsis: The Model Lands land acquisition project is located in Miami-Dade County and encompasses the lands between US 1 and Biscayne National Park. The project area includes a variety of habitats, both freshwater and estuarine. In 1999, the SFWMD Governing Board approved the addition of 3,210 acres to the project for a total acreage of 44,999 acres. The addition lands were identified in the Restudy as necessary for treatment of stormwater from the north and L-31E Canal prior to releasing it to tide or into other project lands to the south. Most of the project lands will be included in the C-111 North Spreader Canal CERP project. There is a 50/50 co-operative cost share agreement between the SFWMD and Miami-Dade County for the Model Lands project. The SFWMD has acquired 6,545 acres and Miami-Dade County has acquired 5,000 acres under their Environmentally Endangered Lands program. The northern portions of the project and the areas near canals, roads, and other areas of disturbance are heavily infested with Australian Pine and Brazilian Pepper. The majority the tract is undisturbed fresh and saltwater wetlands. These lands form a contiguous habitat corridor with Everglades National Park, Southern Glades SOR project, Biscayne National Park, Crocodile Lakes National Wildlife Refuge, and John Pennekamp State Park.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects. 6,545 acres were acquired at a cost of \$6,023,984. |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1994 |
| Finish Date: | 2007 |

Detailed Project Budget Information (1000s)

| | Through 1999 | Through 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|-----------------|-------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | 370.1 | 5,995.8 | 28.1 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 370.1 | 5,995.8 | 28.1 | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: New Palm Dairy Land Acquisition
Project ID: 2136
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Secondary: 1.B.3

Measurable Output(s): Target 2,135 Acres

Project Synopsis: New Palm Dairy is located along Nubin Slough in Okeechobee County. It has been identified in numerous water quality studies, as well as in the Lake Okeechobee SWIM Plan, regarding phosphorus loading to Lake Okeechobee. Nubbin Slough has long been noted as having the poorest quality water of all the Lake's watersheds. Nubbin Slough contributes 29 percent of the Lake's phosphorus loading yet only 4 percent of its total inflow. This is still an active dairy, which lies less than two miles north of the Lake. It has numerous small ditches that drain to Nubbin Slough. Acquisition would allow immediate blocking of the ditches and removal of waste from the sludge pits and lagoons. The total project acreage is 2,135 acres. This project was completed in 2001.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | *SFWMD does not make cost projections on SOR project |
| | Project Development | N/A |
| | Land Acquisition | \$4,800,000 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 2000 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|------------------|------|------|------|---------------------------|--------------------|
| Federal | | | | | | | | |
| State | | | 4,800,000 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 4,800,000 | | | | | \$4,800,000 |

*The total includes Comprehensive Plan Implementation lands.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Nicodemus Slough Land Acquisition
Project ID: 2137
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)
Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 2,219 Acres

Project Synopsis: Nicodemus Slough consists of wet prairie, broadleaf marsh, and prairie hammock south of the Herbert Hoover Dike (LD-3) and west of State Road 78. Until recently, the construction of the Herbert Hoover Dike, coupled with the maintenance of lower stages in Lake Okeechobee, resulted in a shortened hydroperiod and general lowering of water levels in Nicodemus Slough. This in turn altered vegetative patterns on the property and allowed the spread of transition and upland species. This project consists of 2,219 acres and has been completed.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$1,744,500 |
| | Project Development | N/A |
| | Land Acquisition | \$1,744,500 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1981 |
| Finish Date: | 1988 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|----------------|------|------|------|------|------|---------------------|------------------|
| Federal | | | | | | | | |
| State | 1,744.5 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 1,744.5 | | | | | | | \$1,744.5 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: North Fork St. Lucie River
Project ID: 2138
Lead Agency: South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 3,800Acres

Project Synopsis: This 3,800-acre project includes a stretch of the North Fork approximately 6 miles long, extending from the White City bridge to Canal 24. This project will extend the boundary of the existing publicly owned St. Lucie River Aquatic preserve. More than 80 percent of the project area is comprised of wetlands within the river floodplain. In addition to the river floodplain, this project includes 175 acres of high quality uplands habitat such as high hammock, pine flatwoods, and sand pine scrub.

The purpose of this project is to preserve the floodplain habitat and to protect the water quality of the St. Lucie River from the rapidly encroaching urban development. Floodplain wetlands help decrease current velocities in the river, thereby attenuating flood waters. This action also facilitates recharge of the surficial aquifer and filters out nutrients, pollutants and suspended solids. This stretch of the river is classified as an Outstanding Florida Water. Boating, fishing and canoeing are actively pursued on this part of the river.

| | | |
|--------------|---|--|
| Cost: | Total 474 acres have been acquired at a cost of \$3.3 million Project Development Land Acquisition Implementation Operations and Maintenance | Project size 3,800 acres Acquisition for this project will be completed as part of the CERP IRL project, North Fork Component. Total Acquisition Cost is estimated to be \$9,301,000 for 3,089 acres. |
|--------------|---|--|

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1988 |
| Finish Date: | Upon completion |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$4,400 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$4,400 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: North Key Largo Hammocks
Project ID: 2139
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 4,508 Acres

Project Synopsis: The hammocks of north Key Largo form the largest stand of West Indian tropical forest in the United States. This rapidly disappearing forest, which is called Rockland forest, supports a wide diversity of rare plant and animal species. Degraded water quality is becoming an increasing issue in Florida Bay and the Florida Keys, as natural lands are converted to residential housing and commercial development. The project area has over 10 miles of shoreline that directly influences the adjacent waters of John Pennekamp Coral Reef State Park. As in other parts of the Keys, development seriously threatens this area.

Cost: Total Project size 4,508 acres
356 acres have been acquired at a cost of \$5.9 million
Project Development
Land Acquisition 4,152 acres to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1983
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$5,900 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$5,900 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: North Savannas Land Acquisition
Project ID: 2140
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 930 Acres

Project Synopsis: Currently, none of this acreage, which contains a 930-acre remnant of the historical savannas community type in St. Lucie County, is in public ownership. Based on an evaluation conducted for the Florida Natural Areas Inventory, this area was found to have excellent natural community diversity. Seven upland and wetland community types, including a small area of sand pine scrub, are on the property. Important water management functions of this project area include attenuating peak discharges during major storm events and water quality improvement. The site promotes recharge to the surficial aquifer, which is the primary source of potable water in St. Lucie County. The water table at this location is extremely shallow and results in the aquifer being vulnerable to surface contamination.

Acquisition of this land will help in promoting recharge and protection of the surficial aquifer from surface contamination. Once acquired, sheetflow would be improved if several shellrock roads were removed. Further, acquisition will conserve and protect feeding and breeding habitat for a number of endangered and threatened species, including the wood stork, the Florida sandhill crane, and the osprey. This site also includes the world's only known population of an undescribed mint plant (*Dicerandra sp.*).

The Florida Fresh Water Fish and Wildlife Commission would be the lead manager for the non-reservoir areas. The District will take the lead on all hydrologic restoration efforts.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$5,000,000 |
| | Project Development | N/A |
| | Land Acquisition | \$5,000,000 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1997 |
| Finish Date: | 2002 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|--------------|--------------|--------------|------|------|---------------------------|--------------|
| Federal | | | | | | | | |
| State | | 840 | 1,140 | 1,820 | | 0 | | 3,800 |
| Tribal | | | | | | | | |
| Local | | 260 | 360 | 580 | | | | 1,200 |
| Other | | | | | | | | |
| Total | 0 | 1,100 | 1,500 | 2,400 | | | | 5,000 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Okaloacoochee Slough
Project ID: 2141
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 37,210 Acres

Project Synopsis: This site contains more than 37, 210 acres in Hendry and Collier Counties. It is a major tributary to Fakahatchee Strand and Big Cypress National Preserve. It is dominated by a central slough, consisting of sawgrass marshes and wet prairies, with fringes of live oak/cabbage palm hydric hammocks. Most of the pines have been logged, but otherwise the site is pristine. SFWMD acquired 21,000 acres in 1996. Prior to the acquisition, it was used for native range grazing. Okaloacoochee Slough is critical habitat for the Florida panther.

Some exotic treatment is needed to control minor infestations of Brazilian pepper and melaleuca. Hydrologically, the property remains undisturbed.

Cost: Total Project size 37,210 acres
 34,982 acres have been acquired at a cost of \$20 million
 Project Development
 Land Acquisition 2,228 acres remaining to be acquired
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1996
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$20,000 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$20,000 | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Okeechobee Battlefield
Project ID: 2142
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 55Acres

Project Synopsis: The Okeechobee Battlefield project represents a portion of one of the last battles of the Second Seminole Indian war. The 55-acre project consists of improved pasture and freshwater marsh, and provides the backdrop for a yearly reenactment of the battle. The site is home to bald eagles, and offers potential habitat for the crested caracara and wood stork. The evaluation team visited the project on September 24, 2001.

The project is situated adjacent to U.S. Highway 441/98 along the northeastern rim of Lake Okeechobee, approximately five miles southeast of the town of Okeechobee in southern Okeechobee County. There are no adjacent or close by conservation lands in the FNAI database, however South Florida Water Management District lands Paradise Run and Kissimmee River are approximately 8 and 12 miles to the west, respectively. St. Lucie County's Bluefield Ranch and St. Lucie Pinelands are approximately 8.5 miles to the east, and 12 miles to the northeast, respectively.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | Project size is 55 acres. |
| | Project Development | |
| | Land Acquisition | 55 acres remaining to be acquired. The 2001 tax assessed value is estimated at \$113,970. |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 2001 |
| Finish Date: | Upon completion |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------|------|------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Osceola Pine Savannas
Project ID: 2143
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 42,291 Acres

Project Synopsis: The project covers an area of old beach ridges and intervening swales, with high-quality, longleaf pine flatwoods interrupted by cypress strands, cypress domes, and wet prairies. There are also extensive dry prairies and patches of oak or sand pine scrub, all of which are natural communities of the Kissimmee Prairie. Six FNAI-listed animals occur on the site, including sandhill crane, wood storks, and crested caracara.

Cost: Total Project size 42,291 acres
161 acres have been acquired at a cost of \$310,000
Project Development
Land Acquisition 42,130 acres
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1995
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|--------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$310 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$310 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Pal Mar
Project ID: 2144
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 35,795 Acres

Project Synopsis: Pal-Mar is located in Palm Beach and Martin Counties, east of the J.W. Corbett Wildlife Management Area and west of Jonathan Dickinson State Park. The total project encompasses 35,795 acres, including some of the highest quality pine flatwoods in southern Florida in an ecotone between pine flatwoods and the treeless Everglades. It also includes high quality prairie and savanna habitat. The first purchase of 1,922 acres was completed in 1992.

The primary purpose of this project is to conserve and protect environmentally unique lands that contain native, relatively unaltered flora and fauna. Acquisition of this project will form an extensive wildlife corridor connecting Jonathan Dickinson State Park, Pal-Mar, J.W. Corbett Wildlife Management Area, and DuPuis Reserve. By protecting native flatwoods, prairies, and marshes, this project will protect critical habitat for at least four endangered bird species, including the Florida sandhill crane and Everglades snail kite, and for the endangered Florida panther.

Cost: Total Project size 35,795 acres
 18,061 acres have been acquired at a cost of \$10.2 million
 Project Development
 Land Acquisition 17,734 acres remaining to be acquired
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1992
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$10,200 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$10,200 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Panther Glades
Project ID: 2145
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 21,000 Acres

Project Synopsis: The area consists of a landscape mosaic of forested uplands interspersed among forested wetland communities. The ecosystem encompassed by the project is a large landscape and watershed in south-central Hendry County that includes portions of both the Big Cypress and Kissimmee Billy Strand. The Panther Glades project is important to many wildlife species, particularly those that require extensive areas of habitat to maintain viable populations.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | Project size 21,000 acres with none acquired |
| | Project Development | |
| | Land Acquisition | Estimated tax assessed value \$3,947,680 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 2001 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|--------------|------|------|------|------|------|---------------------------|-------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Paradise Run Land Acquisition
Project ID: 2146
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 8,065 Acres

Project Synopsis: This 8,065 acre project lies west of canal C-38, between Water Control Structure S-65E and Lake Okeechobee in Glades and Okeechobee Counties. Current land use is predominantly improved pasture and cattle grazing but agricultural activities in the area are intensifying as exemplified by new, nearby row crops (potatoes), sod extraction, and citrus. The remnant river run and adjacent wetlands remain largely intact but have no continuous water flow; hence water quality (especially dissolved oxygen) has become poor and organics have accumulated deeply in the remnant river run. This area consistently has greater wading bird and waterfowl use than most any area of the Kissimmee River. Its close proximity to Lake Okeechobee puts it in foraging flight distance of the large wading bird rookeries. Restoration would be fairly simple because the remnant river run and wetlands are largely intact, and water could gravity flow from Pool E (elevation 21 feet msl) one-half mile to Paradise Run (elevation 16 feet msl). The C-38 canal would be bypassed.

| | | |
|--------------|----------------------------|--|
| Cost: | Total* | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects. |
| | Project Development | N/A |
| | Land Acquisition | \$12,281,656 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1998 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total* |
|--------------|------------------|------------------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | 2,474,051 | 4,908,582 | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 2,474,051 | 4,908,582 | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Parker – Poinciana Land Acquisition
Project ID: 2147
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,970 Acres

Project Synopsis: Parker – Poinciana is located in Osceola and Polk counties, and is located between the Disney Wilderness Preserve and District owned lands already acquired as part of the Kissimmee Chain of Lakes SOR project along the north shore of Lake Hatchineha. It contains a variety of community types, including mesic flatwoods, a large cypress/bay head, logged over flatwoods and hydric hammock along the Lake Hatchineha shoreline. The total project acreage is 1,970 acres. No acreage has been acquired to date.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | *SFWMD does not make cost projections on SOR projects |
| | Project Development | N/A |
| | Land Acquisition | *SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1996 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|---------|--------------|------|------|------|------|------|---------------------|-------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading “Major Projects”

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Pineland Site Complex
Project ID: 2148
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 250 Acres

Project Synopsis: This internationally significant archaeological site was inhabited by the Calusa for over a thousand years, and includes substantial midden mounds, a burial mound, remnants of an Indian-engineered canal, and buried deposits containing organic remains. Natural habitats within the project area include tidal saltern, a tidal creek, intertidal shoreline, and a large tract of mangrove wetland. Ponds on the site are important to white ibis, egrets, herons, and wood stork.

Cost: Total Project size 250 acres
1 acre has been acquired at a cost of \$280,000
Project Development
Land Acquisition 249 acres to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1996
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$280 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | 280 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Rookery Bay
Project ID: 2149
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 18,721 Acres

Project Synopsis: This project consists of 18,532 acres in Collier County and provides an outstanding example of a subtropical estuarine system. Its mangroves shelter important nesting colonies of water birds, and feed and protect many aquatic animals, which are the foundation of a commercial and sport fishery. The natural communities associated with the estuary are relatively undisturbed and range from mangrove and marsh to flatwoods and maritime hammock. As part of the national estuarine research reserve system, Rookery Bay is representative of the West Indian biogeographic type. The area is believed to have good potential for archaeological investigations. The area is threatened by dredging and filling associated with the rapid development of the area.

Cost: Total Project size 18,721 acres
18,579 acres have been acquired at a cost of \$47 million
Project Development
Land Acquisition 142acres remaining to be acquired.
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1980
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$47,000 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$47,000 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Rotenberger-Holey land Tract
Project ID: 2150
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 79,170 Acres

Project Synopsis: The Rotenberger/Holey Lands were historically an integral part of the Everglades hydrological system. The natural communities of the project consisted of shallow sawgrass marshes with tree islands interspersed. Much of the area has been disturbed. Restoration of the area is important to the restoration of the water quality and quantity to the Everglades.

Cost: Total Project size 79,170 acres
71,418 acres have been acquired at a cost of \$18.1 million
Project Development
Land Acquisition 7,752 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1984
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | | | \$18,100 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$18,100 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Shingle Creek Land Acquisition
Project ID: 2151
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 7,655 Acres

Project Synopsis: Shingle Creek Swamp is located in southern Orange and northern Osceola counties. It is a major receiving body for stormwater runoff from areas south and southwest of Orlando. The Orange County portion of the swamp is more than 1.5 miles wide, and is dominated by Cypress, Loblolly Bay, and Red Maple. Shingle Creek itself was channelized in the 1920s and it borders the eastern edge of the swamp. Most to the floodplain in Osceola County is intact, but adjacent uplands, which historically were wiregrass/longleaf pine-dominated systems, have been cleared and planted as improved pasture. As mitigation for the Orlando Beltway Southern Connector, a hydrologic restoration plan was implemented in 1995, which equalizes water levels and sheetflow across the Orange County portion of Shingle Creek Swamp. The project is 7,655 acres of which 3,332 have been acquired.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1987 |
| Finish Date: | Upon completion |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|----------------|----------|----------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| State | 1,344.4 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 1,344.4 | 0 | 0 | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Six Mile Cypress Land Acquisition
Project ID: 2152
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,741 Acres

Project Synopsis: Six Mile Cypress Slough is located in Lee County southeast of the City of Fort Myers. It extends from State Road 82 southwesterly for approximately nine miles to Ten Mile Canal. The Slough averages 1,500 feet in width, and coexists of Cypress swamps, interspersed with numerous open ponds. It is ringed with pine flatwoods, transitional hardwoods, wet prairies, and stands of Melaleuca. The total project size is 1,741 acres and 869 acres have been acquired.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1987 |
| Finish Date: | Upon completion |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| State | 2,098 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 2,098 | | | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: South Fork St. Lucie River Land Acquisition
Project ID: 2153
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 184 Acres

Project Synopsis: This project includes 184 acres on the western shore of the upper South Fork St. Lucie River. The property begins approximately 0.75 miles south of State Road 76 and extends approximately 1.25 miles southward.

The purpose of this project is to protect the integrity of the river corridor. River water quality is best maintained when river corridor lands remain in their natural state and are restored and managed to enhance the natural community quality. Prescribed fire has successfully been used as the main restoration tool to improve the condition of degraded communities on this property.

Project is completed.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$2,480,000 |
| | Project Development | N/A |
| | Land Acquisition | \$2,480,000 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1995 |
| Finish Date: | 1995 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: South Savannas Land Acquisition
Project ID: 2154
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 6,046 Acres

Project Synopsis: The Savannas forms a chain of marshes and lakes that separate the inland pine flatwoods from the coastal scrub on the Atlantic Ridge in St. Lucie and Martin Counties. The State has acquired most of the lands within the project through the CARL program. The District's ownership is restricted to a single 77-acre tract in Martin County. The State is in the process of buying the District's ownership in the project. It is now and will continue to be managed by the Department of Environmental Protection as the Savannas Preserve. The project totals 6,046 acres which 5,083 acres have been acquired.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Project Development | N/A |
| | Land Acquisition | 963 acres remaining to be acquired. |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1981 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------|------------|
| Federal | | | | | | | | |
| State | | | \$16,900 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$16,900 | | | | | TBD |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Southern Glades Land Acquisition
Project ID: 2155
Lead Agency: South Florida Water Management District, Miami-Dade County
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 37,620 Acres

Project Synopsis: This 37,620-acre project is located adjacent to the C-111 Canal, between the Everglades National Park and U.S. 1. Approximately 33,124 acres have been acquired by the SFWMD. This project includes in the total acreage 7,500 acres of Miami-Dade County's "C-111 North Project". As to this 7,500 acres there is a 50/50 co-operative cost-share agreement between Miami-Dade County and the SFWMD. The project land is dominated by Everglades sawgrass marsh and tropical hardwood hammock. Land management will be carried out by the Fish and Wildlife Conservation Commission and the land is currently open for public use. The majority of the land in this land acquisition project is necessary for the C-111 project and C-111 North Spreader Canal CERP project. These projects will benefit the flow of water into Everglades National Park and Northeast Florida Bay.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|-----------------|
| Start Date: | 1964 |
| Finish Date: | Upon completion |

Detailed Project Budget Information

| | 2000 | Through 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------------|----------------|-------------------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State* | 242,848 | 12,999,475 | | | | | | |
| Tribal | | | | | | | | |
| Local* | | 499,024 | | | | | | |
| Other | | | | | | | | |
| Total* | 242,848 | 13,498,499 | | | | | | TBD |

*Does not include Miami-Dade County's C-111 North project lands.

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Southern Golden Gate Estates
Project ID: 2156
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 57,200 Acres

Project Synopsis: The Southern Golden Gate Estates (SGGE) encompasses an approximately 94 square mile area of sensitive environmental landscape in South Central Collier County. It is an important surface water storage and aquifer recharge area with a unique ecology of cypress, wet and dry prairie, pine flatwoods and hardwood hammock swamp communities; and includes three flowways that contribute freshwater input to the Ten Thousand Island estuary of the western Everglades watershed. The area supports a diversity of wildlife, including at least a dozen endangered and threatened vertebrates as well as a large variety of rare orchids and other air plants. The area is linked hydrologically to the Everglades ecosystem and contains remnants of two large cypress strands, the Lucky Lake and Picayune Strands. The rapid urbanization of southwest Florida is posing a continuous and increasing threat to the wildlife habitat and maintenance of water quality within SGGE. Acquisition of lands within SGGE will preserve large pieces of the South Florida ecosystem. Ultimately, this will contribute to the formation of a continuous public conservation area extending across South Florida from the Gulf Coast to approximately 10 miles from the Atlantic Ocean, protecting the Everglades ecosystem from the encroachment of residential, commercial, and industrial developments.

Cost: Total Project size 57,200 acres
46,961 acres have been acquired at a cost of \$58.1 million
Project Development
Land Acquisition 10,239 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1984
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|-----------------|------|------|------|---------------------------|------------|
| Federal | | | \$26,100 | | | | | |
| State | | | \$31,900 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | \$57,000 | | | | | TBD |

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Tibet-Butler Preserve Land Acquisition
Project ID: 2157
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 439 Acres

Project Synopsis: The Preserve covers 439 acres along the southwest shore of Lake Tibet-Butler in Orange County. The vegetative communities include bay swamp, pine flatwoods, cypress swamp, and smaller areas of xeric oak and freshwater marsh. The Tibet-Butler Preserve site includes approximately 4,000 feet of shoreline on Lake Tibet. Orange County Parks and Recreation Department manage Tibet-Butler Preserve as an environmental education facility. This project has been completed.

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$3,601,900 |
| | Project Development | N/A |
| | Land Acquisition | \$3,601,900 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1988 |
| Finish Date: | 1999 |

Detailed Project Budget Information (1000s)

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to Complete | Total |
|--------------|----------------|------|------|------|------|------|---------------------|------------------|
| Federal | | | | | | | | |
| State | 3,601,900 | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 3,601.9 | | | | | | | \$3,601.9 |

Hyperlink: www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Twelve Mile Slough
Project ID: 2158
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 3,300 Acres

Project Synopsis: This site contains 3,300 acres in Hendry County and is tributary to the much larger and regionally significant Okaloacoochee Slough. It contains a mosaic of uplands and wetlands, as well as improved pasture areas which appear to be reverting to native range. Based on a 1993 FGFWFC report, this single-owner tract provides habitat for the endangered Florida panther. Significant restoration on the site is necessary to correct overdrainage of the wetland communities.

Restoration and protection is important because the Twelve Mile Slough is a headwater tributary to Okaloacoochee Slough, which supplies a major source of water for Fakahatchee Strand State Preserve and Big Cypress National Preserve. Surface water storage in the numerous wetlands provides for ground-water recharge of the underlying surficial aquifer and provides surface water supply to the Caloosahatchee River.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | The SFWMD does not make cost projections on SOR projects. |
| | Project Development | N/A |
| | Land Acquisition | |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1998 |
| Finish Date: | TBD |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|------|------|------|------|---------------------------|------------|
| Federal | 0 | | | | | | | |
| State | 0 | | | | | | | TBD |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 0 | | | | | | | TBD |

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Upper Lakes Basin Watershed
Project ID: 2159
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 47,300 Acres

Project Synopsis: This 47,300-acre project is located at the headwaters of the Kissimmee-Okeechobee-Everglades ecosystem in Polk and Osceola Counties. The project area includes a substantial portion of Reedy Creek and Lake Marion Creek drainage basins, of which the SFWMD already owns substantial acreage. The land contains large expanses of endangered scrub, mesic and wet flatwoods, hydric hammock, and floodplain forest, including habitat for several threatened and endangered plants and animals. Land management will be carried out by the SFWMD and local Government.

The primary purpose of this project is to preserve this watershed which is a critical link in the restoration of the Kissimmee-Lake Okeechobee-Everglades ecosystem. Reedy Creek is the headwater drainage for Lake Russel and Cypress Lake. Peak Discharges from major storm events are modified and stored within the swamp and provide year-round base flow to these downstream lakes. The Lake Marion Creek portion of the project is of critical importance to the recharge of the Floridian Aquifer. Lake Marion serves as the headwaters to lake Marion Creek, which combines with Snell and Horse Creeks to provide a constant supply of high-quality water to Lake Hatchineha, which in turn discharges to Lake Kissimmee, and eventually the Kissimmee River and Lake Okeechobee. All three of these water bodies are primary components of the SFWMD's water management system.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects. 12,574 acres have been acquired for \$10.2 million. |
| | Project Development | N/A |
| | Land Acquisition | \$38,100,000 |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1995 |
| Finish Date: | 2002 |

Detailed Project Budget Information

| | Through 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-------------------|------|------|------|------|------|---------------------------|------------|
| Federal | | | | | | | | |
| State | 9,257,908 | | | | | | | |
| Tribal | | | | | | | | |
| Local | 836,049 | | | | | | | |
| Other | | | | | | | | |
| Total | 10,093,957 | | | | | | | TBD |

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Water Conservation Areas 1, 2 and 3
Project ID: 2160
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 819,535 acres

Project Synopsis: The WCA's include approximately 819,535 acres in Broward, Dade, and Palm Beach counties. The acquisition program is attempting to purchase a combination of fee title flowage easements, and /or mineral rights on approximately 44,000 acres. Appropriate interests have already been acquired on 819,435 acres. Land management is carried out by the FGFWFC and the U.S. Fish and Wildlife Service, under contract to the SFWMD.

The general purpose of these lands is to store floodwater from developed areas adjacent to the WCA's for later use during the dry season. Releases of water from the WCA's during the dry seasonal and, particularly during drought conditions are considered vital to the maintenance of adequate water levels in the coastal canals, wellfields, and Everglades national Park and for the prevention of saltwater intrusion.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | SFWMD does not make cost projections on remaining acres to be acquired for SOR projects. |
| | Project Development | N/A |
| | Land Acquisition | SFWMD does not make cost projections on SOR projects |
| | Implementation | N/A |
| | Operations and Maintenance | N/A |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1948 |
| Finish Date: | 2010 |

Detailed Project Budget Information

| | 2000 | Through 2000 | 2001 | 2002 | 2003 | Not Projected | Balance to complete | Total |
|--------------|--------------|------------------|--------------|------|------|------------------|---------------------------|------------|
| Federal | | | | | | | | |
| State | 2,000 | 9,248,732 | 4,150 | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | 2,000 | 9,248,732 | 4,150 | | | | | TBD |

Point of Contact: Wanda Simpson (561) 682-6445

DATA SHEET PROFILE

Project Name: Yamato Scrub
Project ID: 2161
Lead Agency: Florida Department of Environmental Protection
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 207 Acres

Project Synopsis: Predominantly natural communities here are sand pine scrub and scrubby flatwoods. The species richness of the scrub is considered higher than that of any other scrub on the southeast coast. A bargain shared project.

| | | |
|--------------|----------------------------|--|
| Cost: | Total | Project size 207 acres all acquired |
| | Project Development | |
| | Land Acquisition | 207 acres acquired at a cost of \$17,500,000 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1992 |
| Finish Date: | 1996 |

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|---------------------------|-----------------|
| Federal | | | | | | | | |
| State | | | | | | | | \$17,500 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | \$17,500 |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: A.R. M. Loxahatchee National Wildlife Refuge
Project ID: 2162
Lead Agency: U.S. Fish and Wildlife Service
Authority: Migratory Bird Conservation Act of 1929

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 149,016 Acres

Project Synopsis: The Arthur R. Marshall Loxahatchee NWR was established in 1951 through an agreement between the South Florida Water Management District and the U.S. Fish and Wildlife Service under the Migratory Bird Conservation Act of 1929. Acquisition is for the purposes of providing buffer to the refuge, Everglades habitats, water recharge and storage, and for habitat protection. Increasing population growth is rapidly changing the landscape, converting farmland to residential neighborhoods. Acquisition support both refuge wildlife management goals as well as CERP restoration goals.

| | | |
|--------------|----------------------------|----------|
| Cost: | Total | \$30,119 |
| | Project Development | |
| | Land Acquisition | \$30,119 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1955 |
| Finish Date: | 2005 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|-------------|-------------|-------------|---------------------------|-----------------|
| Federal | \$119 | | | \$10 | \$10 | \$10 | \$30 | \$30,119 |
| SFWMD | | | | | | | | |
| Total | \$119 | | | \$10 | \$10 | \$10 | \$30 | \$30,119 |

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project name: Big Cypress National Preserve Addition
Project ID: 2163
Lead Agency: National Park Service
Authority: Public Law 100-301

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 146,117 acres

Project Synopsis: On April 29, 1988, Public Law 100-301 established the Big Cypress National Preserve (BCNP) Addition. At that time, I-75 was being designed in such a way as to improve the natural water flow to Everglades National Park, which had been disrupted by State Road 84 (commonly known as Alligator Alley). This provided an opportunity to enhance protection of Everglades National Park, to promote protection of the endangered Florida panther, and to provide for public recreational use and enjoyment of public lands by expanding the BCNP to include those lands adjacent to Interstate 75 in Collier County north and east of the Preserve, west of the Broward County line, and south of the Hendry County line.

The purpose of the Federal acquisition is to provide significant public benefits by limiting development pressures on lands which are important both in terms of fish and wildlife habitat supporting endangered species and of wetlands which are the headwaters of the Preserve. Additionally public ownership of the lands adjacent to the Preserve would enhance the protection of the Everglades National Park while providing recreational opportunities and other public uses currently offered by the Big Cypress.

The Act provided for expansion of the Big Cypress by 146,117 acres, of which approximately 32, 154 acres have been acquired by the State of Florida and will be transferred from the Collier companies as a result of the Florida/Arizona land exchange. The authorizing legislation allows the Secretary of the Interior to purchase lands within the preserve boundaries and stipulates that no improved property, as defined by the Act, nor oil and gas rights, shall be acquired without the consent of the owner, unless that property is subject to, or threatened with, uses which are, or would be, detrimental to the purposes of the Preserve. The NPS will acquire the remaining private lands, excluding qualifying exempt property, using fair market value appraisals, consistent with the enabling Act.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$54,656,000 |
| | Project Development | |
| | Land Acquisition | \$54,656,000 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1989 |
| Finish Date: | Open |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| Planning & Design | | | | | | | | | |
| Real Estate | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|---------------|----------|---------|---------|---------|------|---------------------|----------|
| Federal | \$17,321 | \$2,171 | \$1,419 | \$5,179 | \$5,179 | | \$10,358 | \$54,656 |
| State | | \$23,287 | | | | | | |
| Total | \$17,321 | \$25,458 | \$1,419 | \$5,179 | \$5,179 | | \$10,358 | \$54,656 |

Point of Contact: Carol Clark (941) 695-1102

Note: All Acquisitions will be consistent with authorizing Big Cypress Legislation.

DATA SHEET PROFILE

Project Name: Big Cypress National Preserve Private Inholdings
Project ID: 2164
Lead Agency: National Park Service
Authority: Public Law 93-440

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): 854 acres

Project Synopsis: On October 11, 1974, Public Law 93-440 established the Big Cypress National Preserve in order to assure the preservation, conservation, and protection of the natural, scenic, hydrologic, floral and faunal, and recreational values of the Big Cypress Watershed. The total size of the Preserve is 574,449 acres. The State of Florida donated 186,340 acres to establish the Big Cypress. The Federal government has acquired all but 854 acres of the remaining 387,401 acres in the original Preserve boundaries. The authorizing legislation allows the Secretary of the Interior to purchase lands within the Preserve boundaries and stipulates that no improved property, as defined in the Act, nor oil and gas rights, shall be acquired without the consent of the owner, unless that property is subject to, or threatened with, uses which are, or would be, detrimental to the purposes of the Preserve.

The 184 privately owned tracts are scattered throughout the Preserve. The National Park Service will acquire those tracts, excluding qualifying exempt property, using fair market value appraisals consistent with the Act.

| | | |
|--------------|----------------------------|---------------|
| Cost: | Total | \$204,467,292 |
| | Project Development | |
| | Land Acquisition | \$204,467,292 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1974 |
| Finish Date: | Open |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|---------------------|------|------|------|------|------|---------------------------|-----------|
| Federal | \$180,421 | | 2 | | | | \$22,047 | \$204,468 |
| SFWMD | | | | | | | | |
| Total | \$180,421 | | 2 | | | | \$22,047 | \$204,468 |

Point of Contact: Carol Clark (941) 695-1102

All Acquisitions will be consistent with authorizing Big Cypress Legislation.

DATA SHEET PROFILE

Project Name: Complete Land Acquisition for Biscayne National Park
Project ID: 2165
Lead Agency: National Park Service
Authority: Public Law 96-287

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 172,924 acres

Project Synopsis: This project includes acquisition of three Ragged Keys (326 acres), one tract of submerged lands only (20 acres) and two on-shore tracts (36 acres) in Biscayne National Park. The Ragged Keys are five islands immediately adjacent to the most popular use area in the park, Boca Chita Key. Two islands were acquired through 1999. Two of the three islands remaining to be acquired are natural habitat on the islands and in the surrounding shallows. Least terns nest on land and endangered sea turtles nest on the shoreline. Both nesting sites are greatly disturbed by overflow public use of the area and developers for resort and recreational facilities have repeatedly targeted the islands. A total of 382 acres remains to be acquired.

Cost: Total \$33,698,612
 Project Development
 Land Acquisition \$33,698,612
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1968
 Finish Date: 2005

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|------|------|------|------|------|---------------------|-----------------|
| Federal | \$31,851 | | | | | | \$1,848 | \$33,699 |
| SFWMD | | | | | | | | |
| Total | \$31,851 | | | | | | \$1,848 | \$33,699 |

Point of Contact: Walter Chavez (305) 242-7700

DATA SHEET PROFILE

Project Name: Crocodile Lake National Wildlife Refuge
Project ID: 2166
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act of 1973

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 7,100 acres

Project Synopsis: Crocodile Lake National Wildlife Refuge was established on April 2, 180 to preserve mangrove wetlands, tropical West Indian hardwood hammocks and open water areas on Key Largo, which are critical feeding and nesting habitat for the endangered American crocodile. The Refuge is within the designated Critical Habitat for the species and contains one-third of all crocodile nests found in Florida. The Refuge consists of about 5,300 acres of mangrove swamp, 1,200 acres of upland hardwood hammock, and 300 acres of open water. The uplands are vegetated with the last remaining remnants of unspoiled West Indian Hardwoods in the United States. The Refuge is inhabited by a number of other endangered or threatened species, most notably the eastern indigo snake, the bald eagle, the Key Largo woodrat, the Key Largo cottonmouse, and the Schaus swallowtail butterfly. The major threat to this habitat is conversion of the uplands to residential or commercial developments. The crocodile has little tolerance to human activities. Wetlands areas are less threatened, but severe alteration and damage has occurred.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$14,319,000 |
| | Project Development | |
| | Land Acquisition | \$14,319,000 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1979 |
| Finish Date: | 2003 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|------|----------------|------|---------------------------|-----------------|
| Federal | \$13,093 | | | | \$1,226 | | \$1,226 | \$14,319 |
| SFWMD | | | | | | | | |
| Total | \$13,093 | | | | \$1,226 | | \$1,226 | \$14,319 |

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project Name: East Everglades Addition to Everglades National Park
Project ID: 2167
Lead Agency: National Park Service
Authority: Everglades National Park Protection and Expansion Act of 1989 (Public Law 101-229)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 109,504 acres

Project Synopsis: In 1989, Congress authorized the addition to Everglades National Park approximately 109,504 acres of an area known as Northeast Shark Slough and the East Everglades. The act also directed the Army Corps of Engineers to modify water management structures to allow the sheetflow of water and extend the hydroperiod to more closely resemble the historic Everglades. The East Everglades Addition is necessary to limit further losses suffered by the park due to habitat destruction outside former boundaries and to restore natural water-flow patterns that are critical to the ecological integrity and long-term viability of park resources. The acquisition of the East Everglades Addition lands and completion of the Modified Water Deliveries to Everglades National Park project are the most significant efforts underway to restore water deliveries to Shark Slough, the principal watershed in the park. These hydrologic improvements are crucial to restoring ecosystem productivity in the southern Everglades and maintaining adequate freshwater inflow to the downstream estuaries along the Gulf of Mexico and Florida Bay.

Cost: Total \$104,199,796

Project Schedule:

Start Date: 1990
 Finish Date: 2000

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Real Estate | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------|---------------|------|------|------|------|---------------------|----------------|
| Federal | 84,199 | 20,000 | | | | | | 104,199 |
| State | 8,950 | | | | | | | 8,950 |
| Total | 93,149 | 20,000 | | | | | | 113,149 |

Point of Contact: Walter Chavez (305) 242-7700

DATA SHEET PROFILE

Project Name: Florida Keys National Wildlife Refuge Complex (includes National Key Deer, Great White Heron, Key West refuges)
Project ID: 2168
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act (Key Deer), Executive Order 7993 (Great White Heron), Executive Order 923 (Key West)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 415,436 acres

Project Synopsis: Acquisitions are to protect and maintain habitat extensively used by the endangered key deer. Preservation of the major habitats for this deer through acquisition contributes to the overall faunal diversity of Florida. Negotiations have been successful and with the availability of funding, acquisition of about 500 acres (30 willing sellers) within the refuge boundary would be possible. No Name and Big Pine Keys are the two most extensively used keys in the deer's range. Other rare, endangered and 'special emphasis' species are also found here. The greatest threat to key deer habitat is habitat modifications by land clearing. Residential development is rapidly proceeding as demand increases for the dwindling supply of acreage that will support construction. Unfortunately, this same land is prime deer habitat. An observable consequence of the residential development of these lands is the incidence of deer kills by vehicle traffic. An expansion of the Refuge to acquire a system of no-development corridors assure the continued existence of habitat for deer movement throughout the island.

Cost:

| | |
|----------------------------|--------------|
| Total | \$63,017,000 |
| Project Development | |
| Land Acquisition | \$63,017,000 |
| Implementation | |
| Operations and maintenance | |

Project Schedule:

Start Date: 1960
Finish Date: 2005

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|--------------|--------------|------|-----------------|-----------------|---------------------|-----------------|
| Federal | \$28,469 | \$785 | \$978 | | \$11,000 | \$11,000 | \$11,000 | \$63,232 |
| SFWMD | | | | | | | | |
| Total | \$28,469 | \$785 | \$978 | | \$11,000 | \$11,000 | \$11,000 | \$63,232 |

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project Name: Florida Panther National Wildlife Refuge (includes Ten Thousand Islands refuge)
Project ID: 2169
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act of 1973 (Florida Panther); P.L. 100-696 (Ten Thousand Islands)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 61,563

Project Synopsis: The unique and environmentally sensitive Fakahatchee Strand area has been designated Critical Habitat for the endangered Florida panther. The Florida panther is one of the most endangered mammals in the Nation, with perhaps only 20 to 30 individuals inhabiting the Big Cypress-Everglades region. The target lands are valuable for flood water retention, water purification, and aquifer recharge, while providing high quality habitat for a wide variety of flora and fauna in addition to the panther. Most of the area is relatively inaccessible and is one the few remaining retreats for the Florida black bear. The area is diverse and interesting botanically containing large oaks, maples, cabbage palms and a diversity of tropical trees which form a dense canopy. The increasing human population in South Florida with its consequent urban expansion is jeopardizing the Strand's ecological integrity. Thus essential habitat for the survival of the Florida panther is being threatened by conversion for agricultural projects, residential development, oil field activities, lumbering and road construction. Immediate controls are needed to minimize the increasing number of encroachments. The ecosystem within the target boundary is absolutely essential to the survival of the Florida panther. Following refuge compatibility analysis uses such as agricultural activities and hunting, may be retained per negotiated additions of new parcels on a case by case basis.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$10,682,000 |
| | Project Development | |
| | Land Acquisition | \$10,682,000 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1989 |
| Finish Date: | 1989 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|----------|------|------|------|------|---------------------------|-----------------|
| Federal | | \$10,233 | | | | | | \$10,233 |
| SFWMD | | \$449 | | | | | | \$499 |
| Total | | | | | | | | \$10,682 |

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project Name: Hobe Sound National Wildlife Refuge
Project ID: 2170
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act of 1973

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,130 Acres

Project Synopsis: Hobe Sound National Wildlife Refuge was established in 1969 and presently includes 980 acres of coastal sand dunes, mangrove and sand pine-scrub habitat. The primary objective of the refuge is to maintain habitat for some of the most productive nesting areas of the endangered leatherback, green and threatened loggerhead sea turtles. Hobe Sound provides habitat and protection to eight plant and animal species listed as federal threatened or endangered. The South Florida Ecosystem Plan highlights the importance of beaches to sea turtles. One of the Plan's objectives is to prevent the further decline of candidate, threatened, and endangered species and prevent further degradation of their habitats. This project is supported by the State and local governments, the public and conservation groups, with no known opposition. There are many willing sellers of high priority habitat. Nonprofit conservation groups are involved in this project.

Cost: Total \$5,818,000
 Project Development
 Land Acquisition \$5,818,000
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1968
 Finish Date: 2004

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|------|----------------|----------------|---------------------------|----------------|
| Federal | \$18 | | | | \$2,900 | \$2,900 | \$5,800 | \$5,818 |
| SFWMD | | | | | | | | |
| Total | \$18 | | | | \$2,900 | \$2,900 | \$5,800 | \$5,818 |

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project Name: J.N. "Ding" Darling National Wildlife Refuge (includes Caloosahatchee, Island Bay, Matlacha Pass and Pine Island refuges)
Project ID: 2171
Lead Agency: U.S. Fish and Wildlife Service
Authority: Migratory Bird Conservation Act; Executive Order 3299; Executive Order 943

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 8,360 acres

Project Synopsis: The J.N. "Ding" Darling National Wildlife Refuge was established in 1945 and is located in Lee County, Florida on Sanibel Island. The island is 12 miles long and is fringed with mangrove trees, shallow bays and white sandy beaches. Tourism and seasonal residential development threatened to envelop the islands private lands until a growth plan was instituted. Caloosahatchee NWR is located in Fort Myers and acquisition of lands here is necessary for the protection of the endangered West Indian Manatee. Island Bay NWR is located in the Cape Haze area of Charlotte County and includes portions of three islands. All wetlands are protected by Federal or State ownership. Matlacha Pass NWR's acquisition boundary includes all islands, wetlands and uplands lying south of the north boundary line of Township 44 South, crossing the Caloosahatchee River and running southerly and easterly to Bunch Beach. Pine Island NWR generally lies between the western boundary of Pine Island and the Coastal Islands of Cayo Costs, North Captiva and Sanibel.

Cost:

| | |
|----------------------------|--------------|
| Total | \$31,252,000 |
| Project Development | |
| Land Acquisition | \$31,252,000 |
| Implementation | |
| Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1945 |
| Finish Date: | 2005 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|----------------|------|----------------|----------------|----------------|----------------|---------------------|-----------------|
| Federal | \$4,642 | | \$2,610 | \$3,000 | \$7,000 | \$7,000 | \$24,000 | \$31,252 |
| SFWMD | | | | | | | | |
| Total | \$4,642 | | \$2,610 | \$3,000 | \$7,000 | \$7,000 | \$24,000 | \$31,252 |

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project Name: The Tortugas Ecological Reserve – Planning and Implementation
Project ID: 2200
Lead Agency: Department of Commerce/National Oceanic and Atmospheric Administration/Florida Keys National Marine Sanctuary
Authority: NMSA (16 U.S.C. §§ 1431 *et seq.*), FKNMSPA (PL 101-605), and Executive Order 13089 (Coral Reef Protection).

Strategic Plan Goal(s) Addressed: 2.A.2

Measurable Output(s):

- The implementation of the Tortugas Ecological Reserve brings the Florida Keys National Marine Sanctuary close to the Coral Reef Task Force's target within the National Action Plan to Protect Coral Reefs by setting aside 10% of the Florida Keys' coral reefs as "no-take" ecological reserves by 2005.
- The Tortugas Ecological Reserve, as implemented on July 1, 2001, protects 87% of the known coral reef habitat and 76% of the known hard bottom habitat of the Tortugas area.
- The Tortugas Ecological Reserve also protects up to 85 species of sponges, 59 species of stony corals, and 29 species of soft corals (octocorals) due to its prohibitions on anchoring and ship discharges.
- The Tortugas Ecological Reserve will likely enhance fisheries resources by directly protecting 5 of 8 known fish spawning areas, and by protecting known essential fish habitat for red snapper, snowy grouper, tilefish, and golden crab.
- The Tortugas Ecological Reserve will continue to increase public awareness of coral reef ecosystems in the United States and worldwide.

Project Synopsis: The Florida Keys National Marine Sanctuary (FKNMS) worked in cooperation with the State of Florida, the Gulf of Mexico and South Atlantic Fishery Management Councils, the National Marine Fisheries Service, and the National Park Service/Dry Tortugas National Park to design and establish a 151 square nautical mile (snm) fully protected ecological reserve in July 2001 to protect the critical coral reef ecosystem of the Tortugas, a remote area in the western part of the Florida Keys National Marine Sanctuary. The reserve consists of two sections, Tortugas North (91 snm) and Tortugas South (60 snm), and its implementation involved an expansion of Sanctuary boundaries to protect important coral reef resources in the areas of Sherwood Forest and Riley's Hump.

It is anticipated that the Tortugas Ecological Reserve will preserve the richness of species and health of fish stocks in the Tortugas and throughout the Florida Keys, helping to ensure the stability of commercial and recreational fisheries. The reserve protects important spawning areas for snapper and grouper, as well as valuable deepwater habitat for other commercial species. Restrictions on vessel discharge and anchoring protect water quality and habitat complexity. The reserve's geographical isolation will help scientists distinguish between natural and human-caused changes to the coral reef environment, as research and monitoring in the area progress.

| | | | | | |
|--------------|----------------------------|--|-----|--------------|--|
| Cost: | Total | | | | |
| | Project Development | | | \$174,152.00 | |
| | Land Acquisition | | N/A | | |
| | Implementation | | | \$457,400.00 | |
| | Operations and maintenance | | | \$242,000.00 | |

Project Schedule:

Start Date: April 1998
 Finish Date: Implementation – July 2001; O&M – ongoing.

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------|------|------|------------------------|-------|
| Federal | | | | | | | | |
| Total | | | | | | | | |

Hyperlink: www.fknms.nos.noaa.gov/tortugas

Point of Contact: (305) 743-2437

DATA SHEET PROFILE

Project Name: C&SF: CERP – Protect and Enhance Existing Wetland Systems along Loxahatchee National Wildlife Refuge including the Strazzulla Tract (OPE)
Project ID: 2300
Lead Agency: U.S. Army Corps of Engineers/ South Florida Water Management District
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 2.A.3

Measurable Output(s): Water control structures

Project Synopsis: The purpose of this feature is to provide a hydrological and ecological connection to the Loxahatchee National Wildlife Refuge and expand the spatial extent of protected natural areas. This land will act as a buffer between higher water stages to the west and lands to the east that must be drained. This increase in spatial extent will provide vital habitat connectivity for species that require large unfragmented tracts of land for survival. It also contains the only remaining cypress habitat in eastern Everglades and one of the few remaining sawgrass marshes adjacent to the coastal ridge. This is a unique and endangered habitat that must be protected as it provides essential heterogeneity function.

| | | |
|--------------|-------------------------------------|--------------|
| Cost: | Total | \$52,772,000 |
| | Project Development | \$261,000 |
| | Land Acquisition (est. 3,384 acres) | \$12,226,000 |
| | Implementation | \$3,539,000 |
| | Operations and maintenance | \$90,000 |
| | RE Adjustment | \$36,746,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2007 |

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | thru* | 2002** | 2003 | 2004 | 2005 | 2006 | 2007 | Total |
|--------------|-----------|------------|---------------|---------------|---------------|--------------|--------------|-----------------|
| | 2001 | | | | | | | |
| USACE | 46 | 100 | 12,162 | 6,154 | 6,744 | 590 | 590 | \$26,386 |
| SFWMD | 46 | 100 | 12,162 | 6,154 | 6,744 | 590 | 590 | \$26,386 |
| Total | 92 | 200 | 24,324 | 12,308 | 13,488 | 1,180 | 1,180 | \$52,772 |

*programmatic costs

**allocated

Point of Contact: John Keiser (904) 899-5146

DATA SHEET PROFILE

Project Name: C&SF: CERP - Winsburg Farms Wetland Restoration (OPE)
Project ID: 2301
Lead Agency: U.S. Army Corps of Engineers/ Palm Beach Co.
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 2.A.3

Measurable Output(s): 175 ac. Wetlands

Project Synopsis: This feature includes the construction of a 175-acre wetland east of Loxahatchee Wildlife Preserve in Palm Beach County. The feature will reduce the amount of treated water from the Southern Region Water Reclamation Facility wasted in deep injection wells by further treating and recycling the water.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$14,140,000 |
| | Project Development | \$687,000 |
| | Land Acquisition | \$4,140,000 |
| | Implementation | \$9,313,000 |
| | Operations and maintenance | \$200,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2000 |
| Finish Date: | 2005 |

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003 | 2004 | 2005 | Total |
|--------------|---------------|------------|--------------|--------------|--------------|-----------------|
| USACE | 3 | 424 | 1,643 | 2,500 | 2,500 | \$7,070 |
| Palm Bch Co. | 3 | 425 | 1,642 | 2,500 | 2,500 | \$7,070 |
| Total | 6 | 849 | 3,285 | 5,000 | 5,000 | \$14,140 |

*allocated

Point of Contact: Jerry Grubb (904) 232- 2771

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Park Restoration (OPE)
Project ID: 2302
Lead Agency: U.S. Army Corps of Engineers/ Lee County
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 2.A.3

Measurable Output(s): 40 acre Marsh/flow-way

Project Synopsis: This feature includes the construction of a 40-acre marsh/flowway in an abandoned rock mine, removal of exotic vegetation, and planting native vegetation on 11 acres of uplands and 9 acres of littoral zone. This feature is located in the Lee County Lakes Regional Park, upstream of Estero Bay.

| | | |
|--------------|---------------------------------------|-------------|
| Cost: | Total | \$5,166,000 |
| | Project Development | \$343,000 |
| | Land Acquisition (estimated 40 acres) | \$166,000 |
| | Implementation | \$4,657,000 |
| | Operations and maintenance | \$62,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1999 |
| Finish Date: | 2004 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------|------|------|------|------|------|------|
| | | | | | | |
| Planning & Design | | | | | | |
| | | | | | | |
| Real Estate | | | | | | |
| | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | 2003 | 2004 | Total |
|--------------|---------------|-----------|------------|--------------|----------------|
| USACE | 20 | 19 | 216 | 2,328 | \$2,583 |
| Lee Co. | 20 | 19 | 215 | 2,329 | \$2,583 |
| Total | 40 | 38 | 431 | 4,657 | \$5,166 |

*allocated

Point of Contact: Carl Overstreet (904) 232-3515

DATA SHEET PROFILE

Project Name: C&SF: CERP - Restoration of Pineland & Hardwood Hammocks in C-111 Basin (OPE)
Project ID: 2303
Lead Agency: U.S. Army Corps of Engineers
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 2.A.3

Measurable Output(s): Approximately 50 acre Pine Rockland and Tropical Hardwood Hammock

| | | |
|--------------|---|-----------|
| Cost: | Total | \$600,000 |
| | Project Development | \$41,000 |
| | Land Acquisition (estimated 13,950 acres) | \$0 |
| | Implementation | \$559,000 |
| | Operations and maintenance | \$0 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2003 |
| Finish Date: | 2009 |

Project Synopsis: This feature includes restoring south Florida slash pine and hardwood hammock species on a 200-foot wide strip on each side of two miles of SR 9336 from the C-111 Canal to the L-31W Borrow Canal (approximately 50 acres) and the establishment of 2, one-acre hammocks in low-lying areas on each side of the road located in Miami-Dade County.

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|------|------|------|------|------|------|------|
| | | | | | | | |
| Planning & Design | | | | | | | |
| | | | | | | | |
| Real Estate N/A | | | | | | | |
| | | | | | | | |
| Construction | | | | | | | |

Detailed Project Budget Information (\$1000)

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | Total |
|--------------|-----------|-----------|-----------|------------|------------|------------|------------|--------------|
| USACE | 6 | 6 | 6 | 75 | 69 | 69 | 69 | \$300 |
| SPONSOR | 6 | 6 | 6 | 75 | 69 | 69 | 69 | \$300 |
| Total | 12 | 12 | 12 | 150 | 138 | 138 | 138 | \$600 |

Point of Contact: Charlie Fales 904-232-1017

DATA SHEET PROFILE

Project Name: Big Cypress National Preserve Mineral Rights
Project ID: 2400
Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: 2.A.4

Measurable Output(s): Acres Acquired

Project Synopsis: Acquire the non-Federal mineral rights on approximately 729,000 acres in the Big Cypress National Preserve. The President has made an announcement of the intent to purchase the rights from Collier Resources. The Collier family is the primary holder of mineral rights in the Preserve. The Presidents announcement did not include acquisition of other mineral rights.

Acquisition of mineral rights would protect wetlands habitat from oil and gas development activities. The goal is acquisition of all mineral rights which would preclude surface disturbance associated with mineral exploration and development in relatively pristine wetlands.

Cost: Total breakdown is unknown. For the Collier acquisition (which includes other land management agencies) the total amount is \$120 million-

Project Schedule:

Start Date: 2000
Finish Date: Open

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------|------|------|------|------|------|------|------|------|
| Appraisal | | | | | | | | |
| Acquisition | | | | | | | | |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|--------------|------|------|------|------|------|---------------------------|-------|
| Federal | | | | | | | | TBD |

Point of Contact : John J. Donahue, Superintendent, Big Cypress National Preserve (239) 695-1103

Hyperlink: www.nps.gov\bicy

DATA SHEET PROFILE

Project Name: C&SF: CERP - Flow to Northwest and Central Water Conservation Area 3A (II)(RR)
Project ID: 2401
Lead Agency: U.S. Army Corps of Engineers/ South Florida Water Management District
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 2.A.4

Measurable Output(s): Increased Capacity @ P.S. G-404 / S-140; Spreader Canal @ S-140

Project Synopsis: This feature includes relocation and modifications to pump stations and development of a spreader canal system located in the northwest corner and west-central portions of Water Conservation Area 3A in western Broward County. Additional flows will be directed to the northwest corner and west central portions of Water Conservation Area 3A by increasing the capacity of the G-404 pump station, currently a part of the Everglades Construction Project, and increasing the capacity and relocating the S-140 pump station. A spreader canal system at S-140 will establish sheetflow to the west-central portion of Water Conservation Area 3A. Water quality treatment strategies were developed to fulfill the Non-Everglades Construction Project requirements of the Everglades Forever Act. If additional treatment is determined to be required as a result of future detailed planning and design work, those existing facilities would be modified to provide the necessary treatment.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$30,877,000 |
| | Project Development | \$2,121,000 |
| | Land Acquisition (0 acres) | \$0 |
| | Implementation | \$28,756,000 |
| | Operations and maintenance | \$1,102,327 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2011 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | |
| Planning & Design | | | | | | | | | | | |
| | | | | | | | | | | | |
| Construction | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2011 Balance to complete | Total |
|--------------|--------------|------------|------------|------------|------------|------------|--------------|--------------|-------------------------------------|-----------------|
| USACE | 32 | 190 | 190 | 190 | 190 | 190 | 3,500 | 3,500 | 7,457 | \$15,439 |
| SFWMD | 32 | 190 | 190 | 190 | 190 | 190 | 3,500 | 3,500 | 7,456 | \$15,438 |
| Total | 64 | 380 | 380 | 380 | 380 | 380 | 7,000 | 7,000 | 14,914 | \$30,877 |

*Budget Information thru FY 2001 is allocated.

Hyperlink: www.evergladesplan.org/projects/pirs/flow_to%20WCA3A.htm

Point of Contact: Bradley Clark (904) 232-3302

DATA SHEET PROFILE

Project Name: South Florida Multi-Species Recovery Plan
Project ID: 2402
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act of 1973 (16 U.S.C. 1531-1543)

Strategic Plan Goal(s) Addressed: 2.A.4

Measurable Output(s): Number of species delisted, number of species reclassified, number of species status improving

Project Synopsis: A Multi-Species Recovery Plan (MSRP) for the threatened and endangered species of South Florida was completed in May 1999. This document was prepared to fulfill a major element of the South Florida Ecosystem Restoration Initiative. It contains information on the biology, ecology, status, trends, management, and recovery actions for 68 federally-listed species that occur in South Florida, as well as the ecology and restoration needs of 23 natural communities in this region. Implementation of the Recovery Plan is underway with the appointment of a Multi-Species Recovery Implementation Team (MERIT). The focus of MERIT will be on developing an implementation strategy for South Florida to prioritize the recovery and restoration actions as identified in the Multi-Species Recovery Plan, and on recommending and funding on-the-ground recovery and restoration activities. To accomplish the task of developing an implementation strategy, MERIT formed four subteams: a *Landscape Subteam* with expertise on GIS mapping and analysis, land conservation; a *Species/Communities Subteam* that provides expertise on the life history of the species and ecology of the natural communities; a *Conservation Incentives Subteam* that assists with strategies for accomplishing implementation; and a *Florida Panther Sub-team* to assist in developing a conservation strategy specific for the panther.

Two of the most significant recovery actions identified in the MSRP are the acquisition of selected acreage of land for five National Wildlife Refuges in South Florida and control of invasive exotic species such as melaleuca, Brazilian pepper, Australian pine and Old World climbing fern. Additional lands for Archie Carr NWR, J.N.Ding Darling NWR, Pelican Island NWR, Lake Wales Ridge NWR and Crocodile Lake NWR as well as conservation easements for the Florida panther, are necessary for the recovery of threatened and endangered species in South Florida. The other critical component of restoration is the control of invasive exotic species which when present can render the lands unsuitable for their intended uses. Currently, over 100,000 acres of National Wildlife Refuge lands are infested with over 30 species of exotic vegetation. Over 70,000 acres of A.R.M. Loxahatchee NWR is infested with Melaleuca and Old world climbing fern. These areas must be cleared of infestations for the lands to provide the necessary habitat for threatened and endangered species.

| | | |
|--------------|-----------------------------|---|
| Cost: | Total: | \$329,950,000 |
| | Project Development: | \$8,000,000 |
| | Land Acquisition: | \$259,000,000 (National Wildlife Refuge Land Acquisition) |
| | Implementation: | \$17,600,000 |
| | Operations and maintenance: | \$45,350,000 (Exotic plant control on NWRs) |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1994 |
| Finish Date: | 2010 |

DATA SHEET PROFILE

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------|------------------|
| Federal* | | | | | | | | |
| Project Development & Implementation | \$8,000 | \$1,560 | \$1,560 | \$1,560 | \$1,560 | \$1,560 | \$9,800 | \$25,600 |
| Land acq ¹ | \$87,000 | \$17,000 | \$17,000 | \$17,000 | \$17,000 | \$17,000 | \$87,000 | \$259,000 |
| O&M ² | \$350 | \$4,500 | \$4,500 | \$4,500 | \$4,500 | \$4,500 | \$22,500 | \$45,350 |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$95,350 | \$23,060 | \$23,060 | \$23,060 | \$23,060 | \$23,060 | \$119,300 | \$329,950 |

*Only funds for Project Development and Implementation- USFWS

¹ Lands acquisition for National Wildlife Refuges (NWR)

² Invasive plant and animal control on NWRs

Point of Contact: Tom Grahl (772) 562-3909

DATA SHEET PROFILE

Project Name: WCA-2A Regulation Schedule Review
Project ID: 2403
Lead Agency: U.S. Army Corps of Engineers
Authority: WRDA

Strategic Plan Goal(s) Addressed: 2.A.4

Measurable Output(s): Revised WCA-2A Regulation Schedule

Project Synopsis:

A revised regulation schedule was implemented for Water Conservation Area No.1 (WCA-1) (Loxahatchee National Wildlife Refuge) in 1995. The schedule was modified to improve water conditions for wading bird and snail kite habitat. Implementation of the revised regulation schedule has already shown benefits. When the WCA-1 regulation schedule modifications were approved, it was agreed that the WCA-2A regulation should also be reviewed to evaluate opportunities for similar benefits.

The purpose of the project is to evaluate the feasibility of modifying operational modifications for WCA-2A to benefit its fish and wildlife resources, without adversely impacting the area's ability to satisfy its flood control and water supply purposes. The study can be implemented with existing operational and maintenance authority. It can be funded through ongoing O&M appropriations for the Corps of Engineers. This project will be done in coordination with the Rain-Driven Operations.

Cost:

| | |
|---------------------------|-----------|
| Total | \$500,000 |
| Project Development | |
| Land Acquisition | |
| Implementation | |
| Operation and maintenance | |

Project Schedule:

Start Date:

Finish Date:

| | 1999 | 2000 | 2001 |
|-------------------|------|------|------|
| Planning & Design | | | |
| Real Estate | | | |
| Construction | | | |

Detailed Project Budget Information (\$1000)

| | Thru 1999 | 2000 | 2001 | Total |
|-------|--------------|------|------|-------|
| USACE | | | | |
| Local | | | | |
| Total | | | | |

Hyperlink: <http://www.saj.usace.army.mil/>

Point of Contact: Paul Moczynski - 904-232-3846

DATA SHEET PROFILE

Project Name: Coordinate the development of management plans for top 20 south Florida exotic pest plants
Project ID: 2500
Lead Agency: NEWTT (Noxious Exotic Weed Task Team)

Goal(s) Addressed: 2.B.1

Measurable Output(s): Species assessments, prioritized list of species, develop control methods, research reports on basic species biology, management plans, assessment of success, acres of invasion reduced

Project Synopsis: Each priority species will have a management plan developed. Existing plans that have proven effective will serve as examples. Plans will be developed through multi-agency coordination and planning. Two plans will be started each year and the plans will take 18 months to complete. All twenty plans will be completed within 10-12 years. As individual plans are completed they will be incorporated into the broader invasive exotic plant strategy. Multi-agency approval of each plan will be required to ensure support and funding.

Cost:

| | |
|----------------------------|-------------------|
| Total | \$600,000 |
| Project Development | \$30,000 per plan |
| Land Acquisition | N/A |
| Implementation Unknown | |
| Operations and maintenance | Unknown |

Project Schedule:

Start Date: Spring 2001
Finish Date: 2011

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------|------|------|------|------|------|---------------------|------------------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | \$600,000 |

Point of Contact: Bob Doren (305) 348-6721

DATA SHEET PROFILE

Project name: Achieve “maintenance control*” status for Brazilian pepper, melaleuca, Australian pine and Old World climbing fern in all natural areas statewide by 2020.

Project ID: 2600

Lead Agency: SFWMD

Strategic Plan Goal(s) Addressed: 2.B.2

Measurable Output(s): Completed plans for Old World climbing fern and Australian pine, agency integration and coordination for control of most wide-spread and serious species, implementation of all plans for these species as a coordinated program, development of control methods for Old World climbing fern, full implementation of biological control programs for Old World climbing fern, melaleuca, and Australian pine, reduction total acreage covered statewide, maintenance control for hydrilla, water hyacinth, water lettuce, Brazilian pepper, Australian pine, Old World climbing fern on all public lands, biennial assessments of success, application of planning and control techniques to additional species as plans are developed.

Project Synopsis: The beginning phase will be to complete the plan for Old World climbing fern, write one for Australian pine and organize the agencies in order to implement these species plans in the context of the broader invasive exotic plant strategy being developed. Agencies with existing programs would coordinate and organize with other agencies affected by these species but that may not be currently implementing their parts of an approved species-wide plan. Acquire complete funding to implement the multi-species control program with multi-agency integration.

| | | |
|--------------|----------------------------|---|
| Cost: | Total | \$139,078,000 |
| | Project Development | N/A |
| | Land Acquisition | N/A |
| | Implementation | \$5,000,000 per year for 15 years |
| | Operations and maintenance | \$2,000,000 per year thereafter for maintenance control |

Project Schedule:

| | |
|--------------|----------------------------------|
| Start Date: | 2002 |
| Finish Date: | Achieve maintenance control 2020 |

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------|------|------|--------|------|------|---------------------|---------------|
| Federal | | | | 10,330 | | | | |
| State | | | | 39,810 | | | | |
| Tribal | | | | | | | | |
| Local | | | | 20,600 | | | | |
| Other | | | | | | | | |
| Total | | | | 70,740 | | | \$68,338,000 | \$139,078,000 |

*Maintenance Control is simply defined in SS.369.22(1)(d), F.S., as applying management techniques on a continuous basis to keep nonindigenous plant populations at the lowest feasible levels.

Point of Contact: Bob Doren (305) 348-6721

DATA SHEET PROFILE

Project Name: Integration of Federal, State, and Local Agency Invasive Exotic Control Programs into Florida-wide Strategy

Project ID: 2601

Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: Primary: 2.B.2

Measurable Output(s): The ratio of acres under maintenance control to total acres (by species)

Project Synopsis: Compilation of all Federal, State, and Local Agency programs participating in NEWTT (Noxious Exotic Weed Task Team) to develop statewide assessment and strategy for control of invasive exotic plants. Includes 5 Federal Agencies, 6 State Agencies, Actual cost reports for 26 reporting counties, estimated cost reports for 23 non-reporting counties, and one city government. This project incorporates the integration of all these Agencies under the current development and future implementation of the Strategic Plan for Managing Invasive Exotic Plants in Florida. This is the first integration of programmatic and budgetary information on a statewide basis. It includes all invasive exotic plant management programs statewide, including those related to South Florida Ecosystem Restoration, and incorporates the previous individually identified projects and programs that were part of the South Florida Ecosystem Restoration Strategic Planning effort.

Project includes the development of the Strategic Plan for Invasive Exotic Plant Management, Development of an Implementation Plan, and the first 5 years integration of individual agency programs and of implementation of the plan. Invasive exotic plant management does not have a completion date per se as management will continue as long as species are extant. However, it is estimated that the key elements of the Strategy can be implemented within 5 years and the greater proportion of the strategy should be able to be in place within 10 years with some individual recommendations taking longer.

| | | |
|--------------|----------------------------|-----------------------------------|
| Cost: | Total | TBD |
| | Project Development | |
| | Land Acquisition | |
| | Implementation | \$60,850,000 (Annual Requirement) |
| | Operations and maintenance | \$76,418,000 (Annual Requirement) |

Project Schedule:

| | |
|--------------|--|
| Start Date: | 2000 |
| Finish Date: | 2005 – This date is used as a guidepost to implement the key elements of the strategic plan. |

Detailed Project Budget Information (Costs Reported in Millions of Dollars)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------|------------|
| Federal* | | \$30.782 | \$30.782 | \$30.782 | \$30.782 | \$30.782 | \$40.9 | TBD |
| State** | | \$22.436 | \$22.436 | \$33.436 | \$33.436 | \$33.436 | \$19.75*** | TBD |
| Tribal | | Not Reported | | | | | Not Reported | |
| Local | | \$23.2 | \$23.2 | \$23.2 | \$23.2 | \$23.2 | Not Reported | |
| Total | | \$76.418 | \$76.418 | \$87.418 | \$87.418 | \$87.418 | \$60.65*** | TBD |

*Current Costs for Federal Agencies may be assumed for following years

**Current Costs for State Agencies may be assumed for following years, except FLDEP has received their requested increase for 2002

***Balance to Complete would be reduced by ~ \$11 Million in 2002 as FLDEP receives their increase that year.

****The TOTAL figure is going to be conservative as some agencies could only estimate their expenditures, others did not report theirs, and still other did not estimate shortfalls needed to complete (see below).

Florida DOF did not report estimated costs for control. The USACOE, Florida FWCC, FDOF, Local Governments, did not identify shortfalls for balance to complete.

Point of Contact: Walter Chavez (305) 242- 7700

DATA SHEET PROFILE

Project Name: C&SF: CERP - Melaleuca Eradication Project and other Exotic Plants (OPE)
Project ID: 2602
Lead Agency: U.S. Army Corps of Engineers
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 2.B.2

Project Synopsis: This feature includes: 1) upgrading and retrofitting the current quarantine facility in Gainesville, and 2) large-scale rearing of approved biological control organisms for release at multiple sites within the south Florida ecosystem. This project could start as early as FY03 if funds are provided.

Measurable Output(s): Increase effectiveness of biological control technologies

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$5,772,000 |
| | Project Development | \$397,000 |
| | Land Acquisition | \$0 |
| | Implementation | \$5,375,000 |
| | Operations and maintenance | \$5,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2006 |
| Finish Date: | 2011 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | |
| Planning & Design | | | | | | | | | | |
| | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| | | | | | | | | | | |
| Construction | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Balance to Complete | Total |
|---------|---------------|------|------|------|------|-------|-------|------|------|------|------|------|---------------------|---------|
| Federal | 0 | 0 | 66 | 66 | 66 | 1,344 | 1,344 | 0 | 0 | 0 | 0 | 0 | 0 | \$2,886 |
| Local | 0 | 0 | 66 | 66 | 66 | 1,344 | 1,344 | 0 | 0 | 0 | 0 | 0 | 0 | \$2,886 |
| Total | 0 | 0 | 132 | 132 | 132 | 2,688 | 2,688 | 0 | 0 | 0 | 0 | 0 | 0 | \$5,772 |

DATA SHEET PROFILE

Project Name: Estero Bay Aquatic Preserve and Buffer Enhancement and Exotic Removal Project
Project ID: 2603
Lead Agency: Florida Department of Environmental Protection
Authority: Chapter 403, Florida Statutes

Strategic Plan Goal(s) Addressed: 2.B.2

Measurable Output(s): Acres of exotic plants removed

Project Synopsis:

I. Melaleuca removal: Removal, treatment, monitoring and follow-up treatment of 708 acres of Melaleuca within the 8,435 acre Estero Bay State Buffer Preserve.

II. Dog Key Exotic Removal: Removal, treatment, monitoring and follow-up treatment of exotic vegetation of exotic vegetation on Dog Key, a 24 acre island within the Estero Bay Aquatic Preserve and part of the Estero bay State Buffer Preserve with documented Calusa Indian middens/mounds.

Cost: Total: \$.668 million

Project Development:

I. Melaleuca Removal – This project has already begun with the initial aerial spraying of ~500 acres with an approved contract between the Bureau of Invasive Plant Management (BIPM) and SFWMD. This cost to date has been \$121,000. A portion of the follow-up herbicides have been purchased (\$8,500) by the Estero Bay office budget and other grant opportunities. The other ~200 acres need to be initially treated and it is anticipated that another BIPM project will be approved within the next year. The project cost will be higher than the initial aerial treatment since it will need to be done with contractor hand crews (no cost estimate yet provided - We'll estimate @ \$350,000.00). Monitoring and follow-up treatment of this large-scale removal still needs funding.

II. Dog Key Exotic Removal – This project was completed in 2001 for a total cost of \$13,834.00. Monitoring to be performed by DEP Estero Bay staff and follow-up treatment cost have already been covered by BIPM funding.

Implementation:

I (partial) and II (completed) initial treatments were completed within 2001. The remaining initial treatment of ~200 acres, monitoring and follow-up treatments to continue through 2004 at an estimated cost of \$520,000.00.

Operations and maintenance: Estimated at \$32,500.00 through 2004.

Project Schedule:

Start Date: 1998
Finish Date: 2004

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------------|-----------------|---------------|------|------|---------------------------|-----------------|
| Federal | | | | | | | | |
| State | \$0 | \$0 | \$.143 M | \$.005 | | | \$.520 M | \$.668 M |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$0 | \$0 | \$.143 M | \$.005 | | | \$.520 M | \$.668 M |

Point of Contact: John Outland (850) 488-4892

DATA SHEET PROFILE

Project Name: Everglades National Park Exotic Control Program
Project ID: 2604
Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: 2.B.2

Measurable Output(s): Acres infested with Exotic Plants

Project Synopsis: Exotic plants are the single most serious long-term threat to Everglades National Park. Over 200,000 acres of the park and 500,000 acres of adjacent lands are infested. Without control and management, these plants can and will continue to replace all native plant communities in the park. Funds are needed for control efforts and determining effective means of dealing with the many exotic species.

The program will (1) complete the initial treatment of melaleuca and Australian pine in the East Everglades; (2) perform retreatment of Old World climbing fern along the Gulf Coast; (3) complete the initial treatment of Australian pine in the southeastern panhandle; (4) perform retreatment of Asiatic colubrina sites along the northern fringe of Florida Bay; (5) perform the annual reconnaissance flight across the park to monitor and document exotic plant occurrence, (6) perform initial treatment and/or retreatment of localized populations of exotic Ardisia, Schinus, and other exotic pest plants in all the park's districts, and (7) support the essential monitoring and maintenance control programs in treated zones..

Cost: Total \$2,150,000

Project Schedule:

Start Date: 2002
 Finish Date: To be determined

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|----------------------|------|------|------|------|------|------|------|------|
| Operation/Management | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------|------|------|--------------|------------|------------|---------------------|------------|
| Federal | | | | 1,300 | 600 | 250 | | TBD |
| Total | | | | 1,300 | 600 | 250 | | TBD |

Point of Contact: Walter Chavez (305) 242-7700

DATA SHEET PROFILE

Project Name: Exotic Species Removal
Project ID: 2605
Lead Agency: Seminole Tribe of Florida/BIA
Authority: Tribal Resolution

Strategic Plan Goal(s) Addressed: 2.B.2

Measurable Output(s): Eradication and control of exotic species.

Project Synopsis: Control growth of exotic species on the Big Cypress and Brighton reservations.

Cost: Total \$988,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:
Start Date: 1998
Finish Date: 2010

Detailed Project Budget Information

| | 2001 | 2002 | 2003 | 2004 | 2005 | Balance to complete | Total |
|--------------|--------|--------|--------|--------|--------|---------------------|------------------|
| Federal | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 | 390,000 |
| State | 46,000 | 46,000 | 46,000 | 46,000 | 46,000 | 230,000 | 598,000 |
| Tribal | | | | | | | |
| Local | | | | | | | |
| Other | | | | | | | |
| Total | | | | | | | \$988,000 |

Point of Contact: Craig Tepper (954) 967-3402

DATA SHEET PROFILE

Project Name: Hole-in-the-Donut
Project ID: 2606
Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: Primary: 2.B.2

Secondary: 2.A.3

Measurable Output(s): Acres infested with Brazilian pepper

Project Synopsis: This project will restore approximately 5,000 – 6,000 acres of wetlands within Everglades National Park by removing Brazilian pepper, an invasive exotic plant species, and the disturbed substrate to limestone bedrock. Invasive exotic plants are one of the greatest long-term threats to the Everglades ecosystem. As a result of this project, approximately 6,000 acres will be restored to natural wetlands within the park as mitigation for development projects in other areas of Dade County. A vast seed source with the potential to invade and disturb other areas of the Everglades will be eradicated.

Cost: Total \$75,000,000

Project Schedule:

Start Date: 1994
 Finish Date: 2017

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------|------|------|------|------|------|------|------|
| | | | | | | | | |
| Construction | | | | | | | | |

Detailed Project Budget Information (\$1,000)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|--------------|------|------|------|------|---------------------|---------------|
| Dade Co. | 8,353 | 3,229 | | | | | 63,418 | 75,000 |
| Total | 8,353 | 3,229 | | | | | 63,418 | 75,000 |

Point of Contact: Walter Chavez (305) 242- 7700

DATA SHEET PROFILE

Project Name: Melaleuca Control (Critical) on Big Cypress National Preserve
Project ID: 2607
Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: 2.B.2

Measurable Output(s): Acres infested with Melaleuca

Project Synopsis: Treatment, re-treatment and subsequent monitoring and evaluation of *Melaleuca quinquenervia*, an introduced species from Australia that is recognized as a serious threat to the Big Cypress/Everglades ecosystem. Removal of Melaleuca from sensitive Preserve wetlands will permit the re-establishment of native plant communities. It currently infests more than 150 square miles of Big Cypress wetlands.

Cost: Total \$1,400,000

Project Schedule:

Start Date: 1998
 Finish Date: 2005

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------|------|------|------|------|------|------|------|
| Treatment | | | | | | | | |
| Re-Treatment | | | | | | | | |
| Monitoring | | | | | | | | |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|------------|------------|------------|-----------|-----------|-----------|---------------------|--------------|
| Federal | | | | | | | | 700 |
| Local | | | | | | | | 700 |
| Total | 900 | 150 | 150 | 50 | 50 | 50 | 700 | 1,400 |

Point of Contact: Walter Chavez (305) 242- 7700

DATA SHEET PROFILE

Project name: Complete an Invasive Exotic Plant Prevention, Early Detection and Eradication Plan by 2005
Project ID: 2700
Lead Agency: NEWTT/NPS/DEP

Strategic Plan Goal(s) Addressed: 2.B.3

Measurable Output(s): “Early Warning” system for Florida to identify exotic species invasion risk, and locations of new infestations of new species or species under maintenance control, roving invasive species strike teams to assist in locating and eradicating localized population of invasive exotic species, risk-assessment system to support current state prohibitions lists and coordination with USDS-APHIS for prohibitions, support for existing control programs through identification of re-infestation of sites by existing species in maintenance control areas.

Project Synopsis: Preventing the introduction of invasive species is the only absolute means to control them, but absolute prohibitions and exclusions are impractical. An “early warning” program for potentially invasive species, a risk-assessment for evaluating possible invasiveness prior to introduction, methods for early detection of incipient populations of new species, predictive tools to assist in determining where plants may invade, and the ability to eradicate incipient populations are needed.

Cost:

| | |
|----------------------------|----------------------|
| Total | \$5,000,000 plus O&M |
| Project Development | \$4,000,000 one time |
| Land Acquisition | |
| Implementation | \$1,000,000 one time |
| Operations and maintenance | \$2,500,000 per year |

Project Schedule:

| | |
|--------------|---|
| Start Date: | 2001 |
| Finish Date: | Invasive Plant Strike Teams in place 2002, Completed “early-warning” system 2003, Risk-assessment system, 2004, operations and maintenance of completed system and teams 2004 |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|-----------|------|------|------|------|------|---------------------|-------|
| Federal | | | | | | | | |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | |

Point of Contact: Bob Doren - (305) 348-6721

DATA SHEET PROFILE

Project Name: Melaleuca Quarantine Facility
Project ID: 2701
Lead Agency: U.S. Department of Agriculture – Agricultural Research Service
Authority: ARS

Strategic Plan Goal(s) Addressed: 2.B.3

Measurable Output(s): Number Biological Agents Approved

Project Synopsis. Biological control agents have the potential of providing greater efficiency and improved economy. Ultimately, they may prove to be the only truly effective large-scale means of reversing and halting the effects of non-native species on the South Florida habitat. This project consists of constructing a quarantine facility to enable the testing of candidate organisms for biological control and reversal of the spread of exotic plant species.

Cost:

| | |
|----------------------------|--|
| Total | \$6,200,000 |
| Project Development | \$1,000,000 |
| Land Acquisition | \$0 – long term lease with University of Florida |
| Implementation | \$5,200,000 |
| Operations and maintenance | Not yet included in budget |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1997 |
| Finish Date: | 2003 |

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|--------|----------|----------|------|---------------------------|-----------------|
| Federal | \$1,000K | | \$600K | \$3,200K | \$1,400K | | | \$6,200K |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | | | | | \$6,200K |

Point of Contact: Ted Center, 954-475-0541 (USDA – ARS)

DATA SHEET PROFILE

Project Name: Florida Greenways and Trails Designation Program
Project ID: 3100
Lead Agency: FDEP – Florida Greenways and Trails
Authority: Chapter 260, F.S.; 62S-1.400, 62S-1.450, F.A.C.

Strategic Plan Goal(s) Addressed: 3.A.1.

Measurable Output(s): Target 1,026,102 acres

Project Synopsis: The Florida Department of Environmental Protection's, Office of Greenways and Trails guides the statewide initiative to create a system of greenways and trails connecting communities and conservation areas. When completed the trail system will connect one end of the state to the other from, Key West to Pensacola. One goal of the program is to work with landowners and managers to add an additional 10% per year to the total lands designated. The criteria for a designated land or waterway are that it must (1) protect and/or enhance natural, recreational, cultural or historic resources and (2) either provide linear open space or a hub or site, or promote connectivity between or among conservation lands, communities, parks, other recreational facilities, cultural sites, or historic sites. The designation program encourages voluntary partnerships in conservation, development, and management of greenways and trails, provides recognition for individual components of the system and the partners involved, and raises public awareness of the conservation and recreation benefits of greenways and trails.

Cost: Total No direct cost to state
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2000
 Finish Date: Ongoing, projected through 2007-2008

| Fiscal Year | 1999 - 2000 | 2000 - 2001 | 2001 - 2002 | 2002 - 2003 | 2003 - 2004 | 2004 - 2005 | 2005 - 2006 | 2006 - 2007 | 2007 - 2008 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|
| Acres designated | 2,970 | 132,563 | 408,594 | | | | | | | 544,127 |
| Projected designated acres | | | | 93,000 | 63,713 | 77,084 | 77,094 | 84,802 | 93,282 | 481,975 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Total Acres: | | | | | | | | | | 1,026,102 |

Detailed Project Budget Information (\$1000):

| | Exp Thru 1999 | 2000 - 2001 | 2001 - 2002 | 2002 - 2003 | 2003 - 2004 | 2004 - 2005 | 2005 - 2006 | 2006 - 2007 | 2007 - 2008 | Total |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Federal | | | | | * | | | | | |
| State | | 4,500 | 4,500 | 45,00 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 36,000 |
| Local Gov't | | | | | * | | | | | |
| Total | | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 36,000 |

Hyperlink: <http://www.myflorida.com/gwt/>

Contact Name: Heather Pence 850-488-3701

DATA SHEET PROFILE

Project Name: Florida Greenways and Trails Land Acquisition Program
Project ID : 3101
Lead Agency: FDEP – Florida Greenways and Trails
Authority: Florida Forever Act (Section 259.105, Florida Statutes)

Strategic Plan Goal(s) Addressed: 3.A.1

Measurable Output(s): Acres acquired

Project Synopsis: The Florida Greenways and Trails System is guiding a statewide initiative to create a system of greenways and trails connecting communities and conservation areas. When completed the trail system will connect one end of the state to the other from, Key West to Pensacola. One goal of the program is to work with land managers to add an additional 10% per year to the total lands designated. The criteria for a designated land or waterway are that it must (1) protect and/or enhance natural, recreational, cultural or historic resources and (2) either provide linear open space or a hub or site, or promote connectivity between or among conservation lands, communities, parks, other recreational facilities, cultural sites, or historic sites. The designation program encourages voluntary partnerships in conservation, development, and management of greenways and trails, provides recognition for individual components of the system and the partners involved, and raises public awareness of the conservation and recreation benefits of greenways and trails.

The Greenways and Trails Florida Forever Acquisition Program is a competitive program that provides funding for local and regional land acquisition projects that will facilitate the establishment of a statewide system of greenways and trails. The primary mission of this program is to provide a recreational trail or greenway experience within 15 minutes of every residence and business within the state. Once acquired, the property is owned by the Board of Trustees of the Internal Improvement Trust Fund (Governor and Cabinet) and managed by state, regional and local governments.

| | | |
|--------------|----------------------------|------------------------|
| Cost: | Total | \$4.5 million annually |
| | Project Development | |
| | Land Acquisition | \$4.5 million annually |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2000 |
| Finish Date: | 2009 |

| | FY 1999-2000 | FY 2000-2001 | FY 2001-2002 | FY 2002-2003 | FY 2003-2004 | FY 2004-2005 | FY 2005-2009 | Total: |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | | |
| Planning & Design | | | | | | | | |
| | | | | | | | | |
| Real Estate (Acres) | 1,480 | 12,244 | 242 | 1,311 | 1,762 | 1,234 | TBD | TBD |
| | | | | | | | | |
| Construction | | | | | | | | |

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 - 2009 | Total |
|----------------|---------------------|-------------|-------------|-------------|-------------|-------------|----------------|---------------|
| Federal | | | | | * | | | |
| State | | 4500 | 4500 | 4500 | 4500 | 4500 | 18,000 | 40,500 |
| Local Gov't | | | | | * | | | |
| Total | | 4500 | 4500 | 4500 | 4500 | 4500 | | 40,500 |

Contact Name: Cindy Radford 850-488-3701

Hyperlink: <http://www.myflorida.com/gwt/>

DATA SHEET PROFILE

Project Name: Agricultural Land Stewardship
Project ID: 3200
Lead Agency: Natural Resources Conservation Service, Florida Dept. of Agriculture and Consumer Services
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.A.2

Measurable Output(s): Target 96,000 acres

Project Synopsis: Develop incentives targeting farming operations that address sound land stewardship. Develop a “whole conservation planning” programs approach to meet environmental regulatory goals on private lands with the landowners on a voluntary basis. Develop “team agricultural permitting” procedures that allows government agencies to expedite and improve the agricultural permitting process and develop a marketing system that rewards producers who exceed established environmental quality standards.

Cost:

| | |
|--------------------------------|-------------|
| Total (projected through 2005) | \$5,200,000 |
| Project Development | |
| Land Acquisition | |
| Implementation | |
| Operations and maintenance | |
| Management | \$5,200,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2014 |

Detailed Project Budget Information:

| | 2002 | 2003 | 2004 | 2005 | Total (projected through 2005) |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------------------|
| Federal | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$4,000,000 |
| State | \$300,000 | \$300,000 | \$300,000 | \$300,000 | \$1,200,000 |
| Tribal | | | | | |
| Local | | | | | |
| Other | | | | | |
| Total | \$1,300,000 | \$1,300,000 | \$1,300,000 | \$1,300,000 | \$5,200,000 |

Point of Contact: Ron Smola, 561-682-2857 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Technical Assistance to Seminole and Miccosukee Indian Reservations
Project ID: 3201
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.A.2

Measurable Output(s): Target 107,000 Acres

Project Synopsis: Assist the Seminole and Miccosukee Indian Reservations to plan and implement resource management systems on a voluntary basis to reduce nutrient loading. Assistance will be provided to each agricultural producer, at the direction of the Tribal Councils, to assist in their planning, design, application, and management of BMP's that will improve water quality and the ecological integrity of the landscape.

| | | |
|--------------|--------------------------------|-----------|
| Cost: | Total (projected through 2004) | \$900,000 |
| | Project Development | |
| | Land Acquisition | |
| | Implementation | |
| | Operations and maintenance | |
| | Management | \$900,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1998 |
| Finish Date: | 2009 |

Detailed Project Budget Information:

| | 2002 | 2003 | 2004 | Total (projected through 2004) |
|--------------|------------------|------------------|------------------|--------------------------------|
| Federal | \$300,000 | \$300,000 | \$300,000 | \$900,000 |
| State | | | | |
| Tribal | | | | |
| Local | | | | |
| Other | | | | |
| Total | \$300,000 | \$300,000 | \$300,000 | \$900,000 |

Point of Contact: David Legg – 561-683-0883 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Wetland Reserve Program
Project ID: 3202
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.A.2

Measurable Output(s): Target 27,000 acres

Project Synopsis: This USDA-NRCS project was authorized by the 1996 Farm Bill to assist landowners in the restoration and/or enhancement of wetlands that have been degraded due to agricultural activities. This voluntary program provides incentive payments and cost-sharing for restoration and/or enhancement of wetlands. In most cases, long-term conservation easements are obtained ensuring that healthy functioning wetlands on agricultural lands will contribute to over-all Everglades restoration goals and objectives.

Cost:
Total: \$62,900,000
Project Development
Land Acquisition
Implementation: \$62,900,000
Operations and maintenance

Project Schedule:

Start Date: 1997
Finish Date: 2008

Detailed Project Budget Information (\$1000)

| | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|--------------|--------------|---------------------|---------------------|
| Federal | \$32,900,000 | \$15,000,000 | \$15,000,000 | \$62,900,000 | \$62,900,000 |
| State | | | | | |
| Tribal | | | | | |
| Local | | | | | |
| Other | | | | | |
| Total | | | | | \$62,900,000 |

Point of Contact: Ken Murray 352-338-9509 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Florida Communities Trust Grant Program
Project ID: 3300
Lead Agency: Florida Department of Community Affairs
Authority: Florida Forever Act

Strategic Plan Goal(s) Addressed: 3.A.3

Measurable Output(s): 2500 Acres acquired

Project Synopsis: The Florida Communities Trust program provides grants to local governments and non-profit environmental organizations in the state to help implement the natural resource, conservation, and recreation elements of the statutorily mandated *Local Government Comprehensive Plan*. These grant funds are primarily used for the acquisition of green and open space, and park and recreation lands at the local level.

It is anticipated that 1000 acres will be acquired in the 2002-03 state fiscal year through this program. Approximately \$66 million is available statewide to eligible applicants each year and applicants are eligible for up to 6.6 million or 10 percent of this amount. The local governments in the greater Everglades ecosystem have been taken advantage of this program with regular applications for resources to increase open space in this region.

| | | |
|--------------|----------------------------|---------------|
| Cost: | Total | \$181,500,000 |
| | Project Development | |
| | Land Acquisition | \$181,500,000 |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|---------|
| Start Date: | 2000 |
| Finish Date: | Ongoing |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|---------------|---------------|---------------|---------------------------|----------------|
| Federal | | | | | | | | |
| State | | | | 32,500 | 32,500 | 32,500 | | 97,500 |
| Local | | | | 28,500 | 28,000 | 28,000 | | 84,000 |
| Total | | | | 60,500 | 60,500 | 60,500 | | 181,500 |

Contact Name: Grant Gelhardt 850-922-1704

Hyperlink: www.myflorida.com

DATA SHEET PROFILE

Project Name: Eastward Ho! Brownfields Partnership
Project ID: 3400
Lead Agency: South Florida Regional Planning Council

Strategic Plan Goal(s) Addressed: Goal 3.A.4

Measurable Output(s):

Project Synopsis: This partnership is a collaboration of local, state, regional and federal agencies with private sector, non-profit and community organizations targeting the cleanup and sustainable reuse of contaminated and abandoned/underused urban sites. The partnership has been designated a National Brownfields Showcase Community, one of 28 communities throughout the United States. This designation brings increased financial attention and resources for Brownfields work in south Florida. The target area is the portion of the Eastward Ho! corridor in Miami-Dade, Broward and Palm Beach Counties.

Federal/state/local partnership summits are held to network ideas and review local case studies. Stakeholder workshops are conducted to inform and link key players in revitalization projects. Constructive advice and additional project funding assistance are frequent outcomes of the summits. Establishment of county and city Brownfields Task Forces are encouraged to create and empower local focus on Brownfields issues. Design charrettes are conducted to consolidate local vision of future growth goals. Assistance in clarifying contamination issues at abandoned or underused properties is given to help expedite reuse considerations.

The goal of this project is to facilitate discussion among the many stakeholders in formulating future growth visions and implementation that accommodates community needs while being compatible with south Florida ecosystem restoration and preservation.

| | | |
|--------------|----------------------------|-----|
| Cost: | Total (estimated) | TBD |
| | Project Development | N/A |
| | Land Acquisition | \$0 |
| | Implementation | N/A |
| | Operations and maintenance | \$0 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1998 |
| Finish Date: | 2010 |

Detailed Project Budget Information (1000s)

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|-----------|-------|-------|-------|------|------|---------------------|-------|
| Federal | | | | | | | | |
| EPA | 2,500 | 790 | 1,050 | 714 | 771 | 742 | | |
| HUD | 7,150 | 300 | | 8,600 | | | | |
| Others | 624 | | | | | | | |
| State | 1.5 M | 312 | | | | | | |
| Tribal | | | | | | | | |
| Local | 23 | 28 | 15 | 15 | 15 | 15 | | |
| Other * | | 2.5 | | | | | | |
| Total | 11,800 | 1,400 | | 9,329 | 786 | 757 | | TBD |

* Private party contributions

DATA SHEET PROFILE

Project Name: South Florida Ecosystem Restoration Earth Team
Project ID: 3500
Lead Agency: USDA-NRCS
Authority: USDA-NRCS

Strategic Plan Goal(s) Addressed: 3.A.5

Measurable Output(s): Measured by ultimately training 1000+ volunteers to educate their communities about conservation of Natural Resources and the Ecosystem Restoration of South Florida (Train 100 trainers per year and educate 1,000 people per year)

Project Synopsis: The United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS) provides leadership in a partnership effort to train 1,000 Earth Team Volunteers to help people learn about and participate in the South Florida Ecosystem Restoration Project and to conserve, maintain, and improve our Natural Resources and Environment.

The USDA-NRCS has established the Earth Team to provide an effective volunteer workforce within the USDA-NRCS to help people conserve, improve, and sustain the Earth's resources and its environment.

Cost: Total \$750,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2002
 Finish Date: Ongoing

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|---------|---------------|------|------|------|------|------|---------------------|-----------|
| Federal | | | | | | | | |
| SFWMD | | | | | | | | |
| Total | | | | | | | | \$750,000 |

Point of Contact: Thaddeus Hamilton (954) 792-1984

DATA SHEET PROFILE

Project Name: C-4 Flood Mitigation Projects
Project ID: 3600
Lead Agency: South Florida Water Management District

Strategic Plan Goal(s) Addressed: 3.B.1

Measurable Output(s): Improve conveyance and level of service protection in the C-4 Basin

Project Synopsis: A series of projects which will work together to raise the flood protection level in the C-4 basin from a 5 year service level to over a 10 year service level. A forward pump station at the coastal structure, raising the canal banks to prevent canal overflows into adjacent low areas, an emergency impoundment to reduce severe flood stages in the west end, and canal improvements to improve flows to tide.

The new forward pump station at S-25B rated at 600 cubic feet per second will allow for discharges from the C-4 basin when the structure can no longer pass water due to high tide or surge conditions .

The C-4 Emergency Detention Basin Phase 1 is the construction of a 669 cfs pump station, supply canal, enlargement of the C-4 Canal, access bridge, and perimeter levee to provide Cities of Sweetwater and West Miami flood protection. This project removes high stages from the western end of the basin until the system has recovered to normal operating levels. Funding for this project is being provided by FEMA. Currently the project is in the permit process. The District anticipates obtaining all environmental permits by June 2002 and expects to start construction by September 2002.

The C-4 Emergency Detention Basin Phase 2 expands the phase I project to a 1500 cfs pump station, approximately 3000 acre-feet of storage, enlargement of the C-4 canal from SW 132nd Ave to the Florida Turnpike, and construction of a second perimeter basin levee system. Funding for this project will be by the State of Florida.

The C-4 Phase 3 project involves the selective dredging of the C-4 canal to improve conveyance capacity. Preliminary engineering for this project is projected to start November 2002.

The Sweetwater Berm. This work involves the construction of an earthen berm along the north side of the C-4 Canal within the city limits of Sweetwater. The north berm will be raised from Elevation. 6 to 7.0 to Elevation 9.0. This will prevent canal overflows into the city during high canal stages and allow for a pumping system being implemented by the city to provide flood protection.

| | | |
|--------------|----------------------------|--------------|
| Cost: | Total | \$40,300,000 |
| | Project Development | \$ 1,370,000 |
| | Land Acquisition | \$8,700,000 |
| | Implementation | \$30,230,000 |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|---------------|
| Start Date: | March 2001 |
| Finish Date: | December 2004 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|----------------|-----------------|-----------------|------|------------------------|---------------|
| Federal | | | \$3,000 | \$16,200 | \$4,100 | | | 23,300 |
| SFWMD | | | | | | | | |
| State | | | | \$6,700 | \$10,300 | | | 17,000 |
| Total | | | \$3,000 | \$22,900 | \$14,400 | | | 40,300 |

Point of Contact: Jane Bucca (561) 682-6791

DATA SHEET PROFILE

Project Name: Kissimmee Basin Water Supply Plan
Project ID: 3700
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 61.5 MGD Water Made Available

Project Synopsis: As an evaluation of the demand and the water resources for the Kissimmee Basin planning area suggests that the ground water supplies may not be sufficient to meet the 2020, 1-in-10-year drought, water supply needs of the planning area. In addition the SFWMD is required to ensure that it is in compliance with the Seminole Water Rights Compact among the Seminole Tribe of Florida, the State of Florida and the SFWMD. In the *Kissimmee Basin Water Supply Plan* (SWMD, 2000b), fourteen recommendations were identified to develop facilities to provide alternative sources of water for the region. Seven water source options for the Kissimmee Basin (KB) planning area were identified to address key regional issues in the Five-Year Water Resources Development Work Program for FY 2002-2006:

- Minimize Floridan Aquifer Drawdown through Recharge
- Minimize Floridan Aquifer Drawdown through Reduction of Demands
- Optimize Alternative Water Resources
- Develop a Water Management Plan for the Lake Istokpoga-Indian Prairie Basin
- Coordination among Water Management Districts
- Ensure Consistency between Planning and Water Use Permitting

Cost: Total \$4,205,000
 Project Development \$4,205,000
 Land Acquisition
 Implementation
 Operations and maintenance

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|----------------|----------------|--------------|---------------------------|----------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$1,620 | \$1,375 | \$835 | \$375 | \$4,205 |
| Total | | | | \$1,620 | \$1,375 | \$835 | \$375 | \$4,205 |

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Lower East Coast Water Supply Plan
Project ID: 3701
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 143.2 MGD Water Made Available

Project Synopsis: Significant water supply planning and development projects were initiated with the completion of the *LEC Interim Plan* (SFWMD 1998). Several issues were identified and eleven projects were initiated: improve regional saltwater intrusion management, refine the FAS Ground Water Model, develop a northern Palm Beach County comprehensive water management plan, construct and operate the Eastern Hillsboro Regional ASR Pilot Project, construct and operate the Hillsboro (Site 1) Reservoir Pilot Project, establish Lake Worth Lagoon minimum/maximum flow targets, develop and implement a northern Broward secondary canals recharge network, implement a design study for an interconnected water supply system in southeaster Broward County, evaluate urban environmental enhancement in Broward County, construct the Miami-Dade Water and Sewer Department (WASD) Utility ASR, establish Biscayne Bay minimum and maximum flow targets. Eight water source options were identified in the Five-Year Water Resource Development Work Program for FY 2002-2006:

- Ongoing Projects from the LEC Interim Plan
- Other Federal State or SFWMD Projects
- Comprehensive Everglades Restoration Plan Projects
- Recommendations to the CERP from the LEC Regional Water Supply Plan
- Recommendations to the CERP from the Caloosahatchee Water Management Plan
- Operational Recommendations
- Consumptive Use Permitting and Resource Protection Projects
- Other Water Resource Projects

Cost:

| | |
|----------------------------|--------------|
| Total | \$23,209,000 |
| Project Development | \$23,209,000 |
| Land Acquisition | |
| Implementation | |
| Operations and maintenance | |

Project Schedule:

Start Date: 2002
 Finish Date: 2006

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| Real Estate | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|----------------|----------------|----------------|---------------------------|-----------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$3,457 | \$8,313 | \$7,413 | \$4,026 | \$23,209 |
| Total | | | | \$3,457 | \$8,313 | \$7,413 | \$4,026 | \$23,209 |

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Lower West Coast Water Supply Plan
Project ID: 3702
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 151.3 MGD Water Made Available

Project Synopsis: Several issues were identified in the *Lower West Coast Water Supply Plan* (SFWMD 2000c). Eight water source options for the Lower West Coast (LWC) planning area were identified to address key regional issues in the Five-Year Water Resource Development Work Program for FY 2002-2006:

- Conservation
- Ground Water Resources
- Reclaimed Water
- Regional Irrigation Systems
- Seawater
- Storage
- Surface Water
- Related Implementation Strategies

Cost:

| | |
|----------------------------|--------------|
| Total | \$19,784,000 |
| Project Development | \$19,784,000 |
| Land Acquisition | |
| Implementation | |
| Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2006 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|----------------|----------------|----------------|---------------------------|-----------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$1,564 | \$2,046 | \$7,736 | 8,438 | \$19,784 |
| Total | | | | \$1,564 | \$2,046 | \$7,736 | 8,438 | \$19,784 |

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Upper East Coast Water Supply Plan
Project ID: 3703
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 40.9 MGD Water Made Available

Project Synopsis: Several issues were identified in the *UEC Water Supply Plan* (SFWMD, 1998a) that needed to be addressed, including surface water availability, Florida Aquifer Water Quality, freshwater discharges to the St. Lucie Estuary, saltwater intrusion vulnerability, and potential cumulative impacts to wetlands. Seven water source options were identified to address these issues in the Five-Year Water Resource Development Work Program for FY 2002-2006:

- Surface water storage
- Aquifer storage and recovery
- Florida Aquifer
- Conservation
- Wastewater Reuse
- Utility interconnects
- Related implementation strategies

| | | |
|--------------|----------------------------|-------------|
| Cost: | Total | \$3,783,000 |
| | Project Development | \$3,783,000 |
| | Land Acquisition | |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2006 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|--------------|--------------|--------------|---------------------------|----------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$903 | \$920 | \$920 | \$1,040 | \$3,783 |
| Total | | | | \$903 | \$920 | \$920 | \$1,040 | \$3,783 |

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: C&SF: CERP - South Miami-Dade County Reuse (BBB)
Project ID: 3800
Lead Agency: USACE / Miami-Dade County
Authority: WRDA 2014 (scheduled)

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): 131 MGD Advanced WWTP

Project Synopsis: This feature includes a plant expansion to produce superior, advanced treatment of wastewater from the existing South District Wastewater Treatment Plant located north of the C-1 Canal in Miami-Dade County. The initial design of this feature assumed that the plant will have a capacity of 131 million gallons per day. More detailed analyses will be required to determine the quality and quantity of water needed to meet the ecological goals and objectives of Biscayne Bay.

Cost:
 Total \$363,024,000
 Project Development \$24,711,000
 Land Acquisition (est.13,950 acres) \$3,324,000
 Implementation \$334,989,000
 Operations and maintenance \$47,815,000

Project Schedule:

Start Date: 2011
 Finish Date: 2020

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | |
| Planning & Design | | | | | | | | | | |
| | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| | | | | | | | | | | |
| Construction | | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017-2020 Balance to complete | Total |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------------------------|------------------|
| USACE | 0 | 2,471 | 2,471 | 4,133 | 2,471 | 2,471 | 41,873 | 125,622 | \$181,512 |
| M-D Co | 0 | 2,471 | 2,471 | 4,133 | 2,471 | 2,471 | 41,873 | 125,622 | \$181,512 |
| Total | 0 | 4,942 | 4,942 | 8,266 | 4,942 | 4,942 | 83,746 | 251,244 | \$363,024 |

DATA SHEET PROFILE

Project Name: C&SF: CERP - West Miami-Dade County Reuse (HHH)
Project ID: 3801
Lead Agency: USACE / Miami Dade County
Authority: WRDA 2014 (scheduled)

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): 100 mgd Advanced WWTP

Project Synopsis: This feature includes a wastewater treatment plant expansion to produce superior, advanced treatment of wastewater from a future West Miami-Dade Wastewater Treatment Plant to be located in the Bird Drive Basin in Miami-Dade County. The initial design assumed a potential discharge volume of 100 million gallons per day from the wastewater treatment plant. The final configuration of these facilities will be determined through more detailed planning and design to be completed in the ongoing West Dade Water Reuse Feasibility Study authorized in Section 413 of the Water Resources Development Act of 1996. Superior water quality treatment features will be based on appropriate pollution load reduction targets necessary to protect downstream receiving surface waters.

| | | |
|--------------|------------------------------------|---------------|
| Cost: | Total | \$437,237,000 |
| | Project Development | \$29,953,000 |
| | Land Acquisition (est.3,947 acres) | \$3,540,000 |
| | Implementation | \$403,744,000 |
| | Operations and maintenance | \$36,500,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2011 |
| Finish Date: | 2020 |

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | |
| Planning & Design | | | | | | | | | | |
| | | | | | | | | | | |
| Real Estate | | | | | | | | | | |
| | | | | | | | | | | |
| Construction | | | | | | | | | | |

| | Thru 2001* | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017-2020 Balance to complete | Total |
|--------------|------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------------------------|------------------|
| USACE | 0 | 2,995 | 2,995 | 3,880 | 3,880 | 2,995 | 50,468 | 151,406 | \$218,619 |
| M-D Co | 0 | 2,995 | 2,995 | 3,880 | 3,880 | 2,995 | 50,468 | 151,406 | \$218,619 |
| Total | 0 | 5,990 | 5,990 | 7,760 | 7,760 | 5,990 | 100,936 | 302,812 | \$437,237 |

Detailed Project Budget Information (\$1000)

*Programmatic costs

DATA SHEET PROFILE

Project Name: C&SF: CERP - Wastewater Reuse Technology – Pilot Project (HHH)(BBB)(OPE)
Project ID: 3802
Lead Agency: U.S. Army Corps of Engineers / South Florida Water Management District
Authority: Water Resources Development Act 2000

Strategic Plan Goal(s) Addressed: Primary: 3.C.2

Secondary: 2.A.3

Measurable Output(s): Report and Pilot Facility

Project Synopsis: The purpose of this project is to determine the ecological effects of using superior, advanced treated reclaimed water to replace and augment freshwater flows to Biscayne Bay and the Bird Drive Basin, and to determine the level of superior, advanced treatment required to prevent degradation of freshwater and estuarine wetlands and Biscayne Bay. The City of West Palm Beach is constructing a facility at the East Central Regional Wastewater Treatment Facility using advanced and superior wastewater treatment processes to remove nitrogen and phosphorous. After treatment, the wastewater will be used to restore 1,500 acres of wetland and to recharge the City's adjacent wellfield.

| | | |
|--------------|---------------------|--------------|
| Cost: | Total | \$30,000,000 |
| | Project Development | \$3,011,000 |
| | Land Acquisition | \$2,800,000 |
| | Implementation | \$23,189,000 |
| | Monitoring | \$1,000,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2001 |
| Finish Date: | 2013 |

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | | |
| Feasibility & Design | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Real Estate | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Monitoring | | | | | | | | | | | | | |

Detailed Project Budget Information (\$1000)*

| | thru 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009-2013 Balance to complete | Total |
|--------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|-------------------------------|-----------------|
| USACE | 190 | 325 | 161 | 161 | 160 | 3,180 | 2,479 | 2,480 | 5,865 | \$15,000 |
| SFWMD | 190 | 325 | 160 | 160 | 161 | 3,179 | 2,480 | 2,479 | 5,865 | \$15,000 |
| Total | 380 | 650 | 321 | 321 | 321 | 6,359 | 4,959 | 4,959 | 11,730 | \$30,000 |

*Budget Information thru FY 2001 and for FY 2002 are allocations.

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Jill Tefts (904) 232-3508

DATA SHEET PROFILE

Project Name: Lower West Coast Regional Irrigation Distribution System Master Plan Study
Project ID: 3803
Lead Agency: SFWMD
Authority: Chapter 373.0831 Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): Study

Project Synopsis: The construction and operation of a regional irrigation distribution system will enable water to be transferred from areas of surplus to areas of deficit to fulfill urban irrigation needs. This system could conserve the fresh ground water sources, while maximizing the use of reclaimed water that would have otherwise been discharged to surface water or deep well injected and lost from the inventory. Storage, primarily through ASR, will be a key component to bridge the gap between the seasonal and geographic relationships of available water supplies and demands. This system would make irrigation water available for local supply entities/utilities to withdraw from for distribution to meet their individual needs. This system could have many different configurations, including one large regional system, several subregional systems, or a utility-by-utility basis. This study is conducted as part of the Lower West Coast Water Supply Plan.

Cost: Total \$16,570,000
 Project Development \$16,570,000
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2002
 Finish Date: 2006

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------|------|------|--------------|----------------|----------------|---------------------|--------------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$570 | \$1,500 | \$7,250 | \$7,250 | \$16,570*** |
| Total | | | | \$570 | \$1,500 | \$7,250 | \$7,250 | \$16,570*** |

***The total cost for this project is included in the total cost for the Lower West Coast Water Supply Plan

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Northern Palm Beach County and Southern Martin County Reclaimed Water Master Plan
Project ID: 3804
Lead Agency: SFWMD
Authority: Chapter 373.0831 Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): Study

Project Synopsis: For FY 2002, the SFWMD will conduct a master plan study of the feasibility of construction and operation of a reclaimed water system for northern Palm Beach County. The nine-month study included the quantification of existing and future (2020) irrigation demands in the study area, quantifying availability of local sources, and determining the unmet needs. The study will evaluate different treatment and transmission options, institutional frameworks, and funding options. Local entities contributed \$55,000 towards this project. The study will be completed and determinations will be made of the feasibility of the project. If determined feasible, the design phase of the project will be initiated. This study is conducted as part of the Lower East Coast Water Supply Plan.

| | | |
|--------------|----------------------------|-----------|
| Cost: | Total | \$140,000 |
| | Project Development | \$140,000 |
| | Land Acquisition | |
| | Implementation | |
| | Operations and maintenance | |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 2002 |
| Finish Date: | 2002 |

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|--------------|------|------|---------------------------|-----------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$140 | | | | \$140*** |
| Total | | | | \$140 | | | | \$140*** |

***The total cost for this project is included in the total cost for the Lower East Coast Water Supply Plan

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Orlando/Kissimmee Area Regional Reclaimed Water Optimization Plan
Project ID: 3805
Lead Agency: SFWMD
Authority: Chapter 373.083, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): Study

Project Synopsis: During FY 2001, the SFWMD initiated four projects towards developing a regional reclaimed water optimization plan for a total of \$250,000. These project included installation of climatic and shallow aquifer monitoring stations and Phase I of the Reclaimed Water Injection Pilot Study. Activities proposed for FY 2002 include a continuation of the climate and ground water level monitoring and Phase II of the Reclaimed Water Injection Pilot Study. New programs for FY 2002 will include a lakes monitoring effort and the reuse master plan. This study is conducted as a part of the Kissimmee Basin Water Supply Plan.

Cost: Total \$1,125,000
 Project Development \$1,125,000
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2002
 Finish Date: 2005

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|------|------|--------------|--------------|--------------|---------------------------|-------------------|
| Federal | | | | | | | | |
| SFWMD | | | | \$565 | \$300 | \$210 | \$50 | \$1,125*** |
| Total | | | | \$565 | \$300 | \$210 | \$50 | \$1,125*** |

***The total cost for this project is included in the total cost for the Kissimmee Basin Water Supply Plan

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Alternative Water Supply Grant
Project ID: 3900
Lead Agency: SFWMD
Authority: Chapter 373.1961, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.3

Measurable Output(s): 50 MGD Water Made Available

Project Synopsis: SFWMD began a program of cooperative funding with local governments and other entities for the development of alternative water supply systems in 1986. Alternative water supply systems are defined as supplies of water that have been reclaimed after one or more public supply, municipal, industrial, commercial, or agricultural uses, or are supplies of stormwater, or brackish or salt water, that have been treated in accordance with applicable rules and standards sufficient to supply the intended use. The Alternative Water Supply Funding Program was revised to be consistent with legislation passed in 1995 and continues the cooperative funding effort with the focus on development of alternative water supply systems in Water Resource Caution Areas

Cost: Total \$4,000,000 FY 2002
 Project Development \$4,000,000
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1996
 Finish Date: On-going/ annual grants

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | |
| Planning & Design | | | | | | | | | |
| | | | | | | | | | |
| Real Estate | | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |

Detailed Project Budget Information (\$1000)

| | Exp Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|---------------------|----------------|--------------|--------------|------------|------------|---------------------------|------------|
| Federal | | | | | | | | |
| SFWMD | \$27,950 | \$4,100 | \$660 | \$3.9 | TBD | TBD | TBD | TBD |
| Total | \$27,950 | \$4,100 | \$660 | \$3.9 | TBD | TBD | TBD | TBD |

Point of Contact: Jane Bucco (561) 682-6791

DATA SHEET PROFILE

Project Name: Mobile Irrigation lab
Project ID: 4000
Lead Agency: U.S. Dept. of Agriculture - Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.4

Measurable Output(s): 13,800 Acre-feet

Project Synopsis: Establish Urban Mobile Irrigation Labs in the Upper East Coast Water Supply Area as a tool to reduce urban, industrial and landscape water consumption.

Cost:

| | |
|----------------------------|-------------|
| Total | \$2,801,000 |
| Project Development | |
| Land Acquisition | |
| Implementation | |
| Operations and maintenance | |
| Management | \$2,801,000 |

Project Schedule:

| | |
|--------------|------|
| Start Date: | 1998 |
| Finish Date: | 2011 |

Detailed Project Budget Information

| | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|------------------|------------------|------------------|---------------------|--------------------|
| Federal | \$447,000 | \$447,000 | \$447,000 | \$894,000 | \$1,341,000 |
| State | \$416,000 | \$522,000 | \$522,000 | \$1,044,000 | \$1,460,000 |
| Tribal | | | | | |
| Local | | | | | |
| Other | | | | | |
| Total | \$863,000 | \$969,000 | \$969,000 | \$1,938,000 | \$2,801,000 |

Point of Contact: Ron Smola, 561-682-2857 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Critical Projects - Florida Keys Carrying Capacity
Project ID: 4100
Lead Agency: USACE/FDEP
Authority: WRDA 96

Strategic Plan Goal(s) Addressed: 3.C.5

Measurable Output(s): Report

Project Synopsis: The carrying capacity study/analysis will develop information that will improve decision-making regarding development approvals and infrastructure investments, and its impact on the ecology and natural system in the Florida Keys and Florida Bay. The development of a decision making tool will provide a comprehensive basis for coordinating and strengthening water and land related planning efforts by local, state and federal agencies. Study to be completed summer 2002.

Cost:

| | |
|----------------------------|-------------|
| Total | \$6,000,000 |
| Project Development | \$6,000,000 |
| Land Acquisition | |
| Implementation | |
| Operations and maintenance | |

Project Schedule:

Start Date: 1997
Finish Date: 2002

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|-------------------|------|------|------|------|------|------|
| Planning & Design | | | | | | |
| Real Estate | | | | | | |
| Construction | | | | | | |

Detailed Project Budget Information (\$1000)

| | Thru 2001* | 2002* | Total |
|--------------|---------------|--------------|--------------|
| USACE | 2,376 | 624 | 3,000 |
| SFWMD | 2,376 | 624 | 3,000 |
| Total | 4,752 | 1,248 | 6,000 |

*allocated

Hyperlink: <http://www.saj.usace.army.mil/projects/proj4.htm>

DATA SHEET PROFILE

Project Name: BMP's for Agriculture
Project ID: 4101
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.5

Measurable Output(s): Nutrient Load Reduction

Project Synopsis: This project provides for technical assistance to landowners and managers of agricultural lands. The goals of this project are to encourage the adoption and implementation of Best Management Practices (BMPs) that will provide for sustainable agriculture within the Everglades ecosystem that is both ecologically and economically sound. Comprehensive resource management plans are developed with the farmer/rancher to achieve their management objectives, while meeting federal, state, regional and local environmental quality criteria and standards (TMDL"S).

Cost: Total \$65,245,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance: \$65,245,000

Project Schedule:

Start Date: 1997
 Finish Date: 2011

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|-----------------|
| Federal | \$9,000K | \$3,000 | \$3,000 | \$4,417K | \$4,417K | \$4,147K | \$30919K | \$59170K |
| State | | | | \$675K | \$675K | \$675K | \$4,050 | \$6075 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$9,000K | \$3,000K | \$3,000K | \$5,092K | \$5,092K | \$5,092K | \$34,969 | \$65245K |

Point of Contact: David Legg – 561-683-0883 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Monitoring of Organic Soils in the Everglades
Project ID: 4102
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.5

Measurable Output(s): Resource Assessment

Project Synopsis: This project will produce an assessment of the amount of accretion and/or subsidence that has occurred on organic soils throughout the Everglades region. ARS and IFAS have initiated work within the Everglades Agricultural Area (EAA) based upon observations taken every 5-year from 1913 – 1978. The goal of this project is to expand this assessment to the entire Everglades ecosystem, in an effort to provide scientists and land managers a tool to ascertain the effects from hydrologic condition changes upon the organic soil resource.

Cost: Total: \$1,236,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance \$1,236,000

Project Schedule:

Start Date: 1998
 Finish Date: 2012

Detailed Project Budget Information

| | Thru 1999 | 2002 | 2003 | 2004 | 2005 | 2006 | Balance to complete | Total |
|--------------|-----------------|------------------|------------------|------------------|------------------|------------------|---------------------------|--------------------|
| Federal | \$25,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$700,000 | \$1,125,000 |
| State | \$11,000 | | | | | | | \$11,000 |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | \$36,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$700,000 | \$1,236,000 |

Point of Contact: Ken Liudahl 561-683-0883 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Soil Survey Update for the Everglades Agricultural Area
Project ID: 4103
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.5

Measurable Output(s): Acres Mapped

Project Synopsis: This project will produce an updated comprehensive soil survey of the Everglades Agricultural Area (EAA). The project is designed to produce a spatial representation of the soils on approximately 700,000 acres, and a detailed description of each soil's profile. The current soil survey is over 20 years old. Significant changes have occurred due to organic soil subsidence and changes in landscape features. This project will provide an effective conservation planning tool for on-farm decision making that will contribute to over-all ecosystem restoration efforts.

Cost: Total: \$1,500,000
Project Development: \$1,500,000
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: 2002
Finish Date: 2005

Detailed Project Budget Information

| | Thru 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Balance to complete | Total |
|--------------|--------------|------|------|------------------|------------------|------------------|---------------------------|--------------------|
| Federal | | | | \$250,000 | \$500,000 | \$500,000 | \$250,000 | \$1,500,000 |
| State | | | | | | | | |
| Tribal | | | | | | | | |
| Local | | | | | | | | |
| Other | | | | | | | | |
| Total | | | | \$250,000 | \$500,000 | \$500,000 | \$250,000 | \$1,500,000 |

Point of Contact: Warren Henderson 352-338-9535 (USDA – NRCS)

For further information on this document please contact:

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Miami, Florida 33199

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For more information on the South Florida Ecosystem
Restoration Program or to view this document on-line please visit

<http://www.sfrestore.org>



Courtesy of SFVWMD